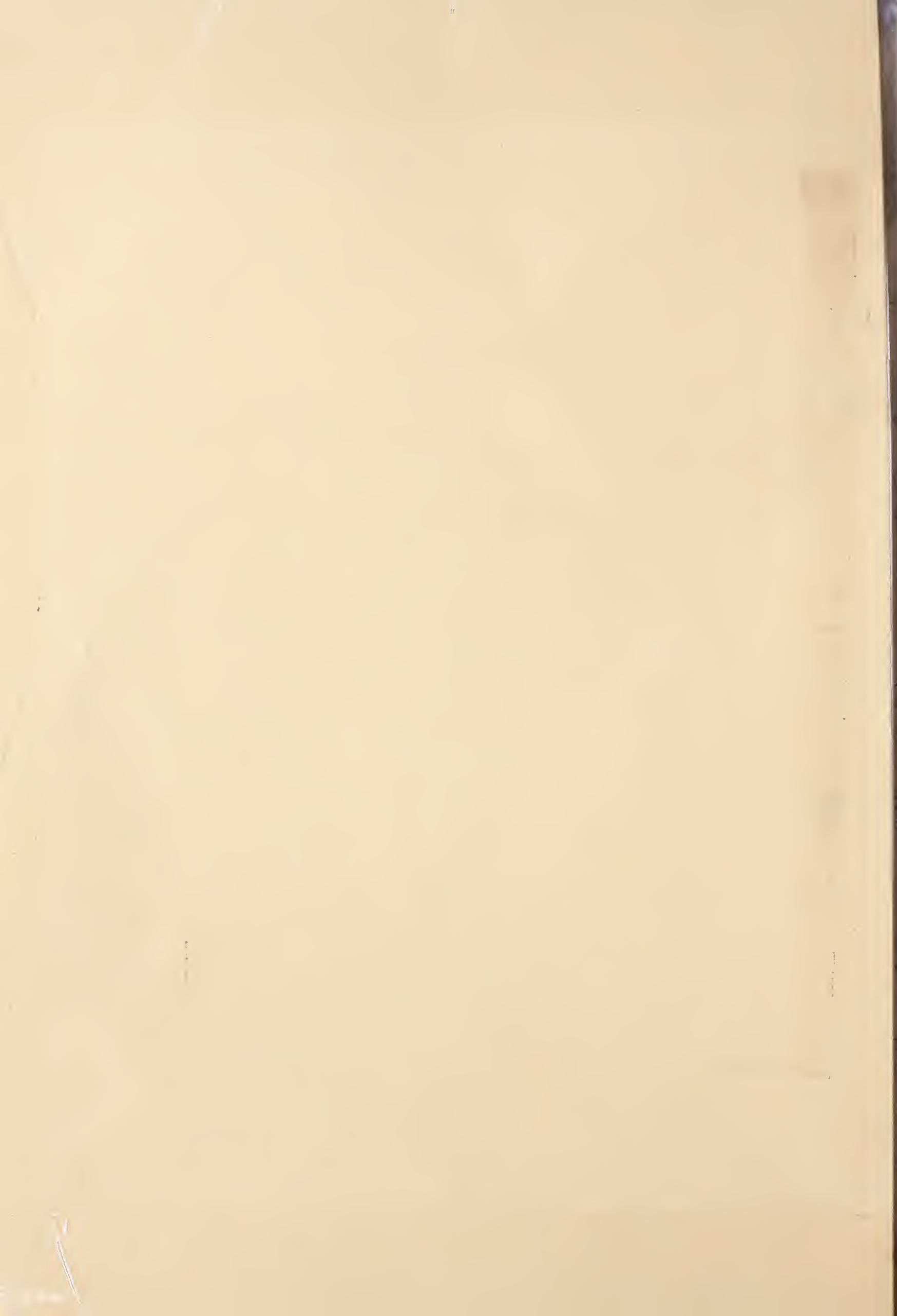


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LIBRARY NEWS

Vol. 7, No. 1.

January 1947

BOOKS RECENTLY ADDED TO YOUR LIBRARY

- Ashton, T. THE USE OF HETEROSIS IN THE PRODUCTION OF AGRICULTURAL AND HORTICULTURAL CROPS. Cambridge, England, Imperial Bureau of Plant Breeding and Genetics, 1946. 30 p. 463.2 As3
Includes sections on self-pollinated plants, cross pollinated plants, asexually propagated plants, forest trees, and a 7 page bibliography.
- Bartlett, Roland W. THE MILK INDUSTRY; A COMPREHENSIVE SURVEY OF PRODUCTION, DISTRIBUTION AND ECONOMIC IMPORTANCE. New York, Roland Press, 1946. 282 p. 281.344 B28
- Brody, Samuel BIOENERGETICS AND GROWTH, WITH SPECIAL REFERENCE TO THE EFFICIENCY COMPLEX IN DOMESTIC ANIMALS. New York, Reinhold, 1945. 1023 p. 444 B783
- Christman, Henry TIN HORNS AND CALICO; A DECISIVE EPISODE IN THE EMERGENCE OF DEMOCRACY. New York, Henry Holt and Co., 1945. 377 p. 138 C46
The story of the anti-rent rebellion in New York State in the 1840's; the tenant farmers' revolt in the Hudson River Valley.
- Core, Earl L. and Ammons, Nelle WOODY PLANTS OF WEST VIRGINIA IN WINTER CONDITION. Morgantown, W. Va., West Virginia University, 1946. 124 p. 455.40 C81
- Epstein, Mortimer, ed. THE STATESMAN'S YEARBOOK; A STATISTICAL AND HISTORICAL ANNUAL OF THE STATES OF THE WORLD FOR THE YEAR 1946: New York, Macmillan, 1946. 1461 p. 250 St2 1946
- Feldman, Herman, ed. LABOR RELATIONS AND THE PUBLIC. Philadelphia, American Academy of Political and Social Science, 1946. 316 p. Annals v. 248. November 1946. 280.9 Am34
- Garrison, John SUN, SNOW AND SKIS; A MODERN GUIDE TO EASTERN SKIING. New York, McGraw-Hill, 1946. 318 p. 280.6 G19
- Gericke, W. F. COMPLETE GUIDE TO SOILLESS GARDENING. New York, Prentice-Hall, 1945. 285 p. 90.15 G31 1945
- Harrison, S. M. and Andrews, F. E. AMERICAN FOUNDATIONS FOR SOCIAL WELFARE. New York, Russell Sage Foundation, 1946. 249 p. 500 H24
- Jacks, G. V. LAND CLASSIFICATION FOR LAND-USE PLANNING. Harpenden, England, Imperial Bureau of Soil Science, 1946. 90 p. Tech. Com. 43. 56.9 Im72
"It gives a thorough review of proposals that have been made by research

workers in this field of study the world over. The material is exceptionally well-presented and should be of great interest to all those who are concerned in any way with this problem. The contents include types of land classification, land inventories, land and soil types, land use classes, use of natural vegetation as an indication of land quality, systems of land classification and estimation of production, and an excellent bibliography." Soil Science November 1946.

McFarland, J. Horace and McFarland, Robert B. EAGLES MERE AND THE SULLIVAN HIGHLANDS. Harrisburg, Pa., McFarland Co., 1944. 164 p. 125 M16
A study of flora, topography, forest and recreational resources in the Sullivan Highlands of Pennsylvania.

"When the saga of the Susquehanna finds its way into the river series now in the making Eaglesmere and the Sullivan Highlands should be a rich source of material." Journal of Forestry October 1946.

McMillen, Wheeler NEW RICHES FROM THE SOIL; THE PROGRESS OF CHEMURGY. New York, D. Van Nostrand, 1946. 397 p. 388 M22

See review in this issue of the library newsletter.

Mickey, Karl B. HEALTH FROM THE GROUND UP. Chicago, International Harvester, 1946. 125 p.

Raynor, Mabel Cheveley TREES AND TOADSTOOLS. London, Faber and Faber, 1946. 71 p. 463.88 R21T

Robertson, L. S. and Woods, R. H. FARM BUSINESS MANAGEMENT. Chicago, Lippincott, 1946. 546 p. 281.12 R54

Sandford, W. P. SPEAK WELL - AND WIN. A short cut to results. New York, McGraw-Hill, 1944. 176 p. 145.2 Sa5S

Smith, Howard DEVELOPING YOUR EXECUTIVE ABILITY. New York, McGraw-Hill, 1946. 225 p. 249.3 Sm5

In his brief preface the author gives an "overview" of his book:

"In the first part, a blueprint of the successful executive is developed. To this enterprise literally hundreds of able leaders contributed their ideas...In the second part are presented intimate studies of the procedures and philosophies of a number of current executives."

United Nations Interim Commission on Food and Agriculture. REPORT OF TECHNICAL COMMITTEE ON AGRICULTURAL PRODUCTION. Washington, D. C., 1945. 68 p. 389.9 In87R 1945

----- REPORT OF TECHNICAL COMMITTEE ON FISHERIES. Washington, D. C., 1945. 38 p. 389.9 In87R 1945

----- REPORT OF TECHNICAL COMMITTEE ON FORESTRY AND PRIMARY FOREST PRODUCTS. Washington, D. C., 1945. 39 p. 389.9 In87R 1945

----- REPORT OF TECHNICAL COMMITTEE ON NUTRITION AND FOOD MANAGEMENT. Washington, D. C., 1945. 92 p. 389.9 In87R 1945

----- REPORT OF TECHNICAL COMMITTEE ON STATISTICS. Washington, D. C., 1945. 49 p. 389.9 In87R 1945

Vyoyan, M. C. FRUIT FALL AND ITS CONTROL BY SYNTHETIC GROWTH SUBSTANCES. East Mailing, England, Imperial Bureau of Horticulture and Plantation Crops, 1946. 72 p. Technical Communication No. 18. 56.9 In72

Weaver, Andrew T. SPEECH. New York, Harcourt Brace, 1946. 566 p. 145.2 W37S

White, Gilbert Fowler HUMAN ADJUSTMENT TO FLOODS; A GEOGRAPHICAL APPROACH TO THE FLOOD PROBLEM IN THE UNITED STATES. Chicago, University of Chicago, 1945. 225 p.

Wooley, John Cochran FARM BUILDINGS. New York, McGraw-Hill Book Co., 1946. Second edition revised. 354 p. 296 W88 Ed. 2.

ELEVENTH NORTH AMERICAN WILDLIFE CONFERENCE
TRANSACTIONS March 11-13, 1946
(412.9 N814 1946)

A round dozen of the seventy papers published in these transactions are listed for you here:

- WHAT IS COMING FOR WILDLIFE? by Ira N. Gabrielson, Director, U. S. Fish and Wildlife Service. pp. 28-35.
- FORESTS AND FOREST WILDLIFE IN THE POSTWAR ERA, by Lyle F. Watts, Chief, U. S. Forest Service. pp. 36-42.
- WILDLIFE GAINS THROUGH SOIL CONSERVATION, by Hugh H. Bennett, Chief, U. S. Soil Conservation Service. pp. 42-49.
- URGENCY OF CONSERVATION EDUCATION, by Fairfield Osborn, President, New York Zoological Society. pp. 74-75.
- MUTUALLY ESSENTIAL CONSERVATION EDUCATION AND RURAL EDUCATION, by E. Laurence Palmer, Professor of Rural Education, Cornell University. pp. 88-92.
- LAND USE AND MODERN PRESSURES ON WILDLIFE, by Leonard Hall, St. Louis Post-Dispatch. pp. 115-123.
- RUFFED GROUSE CENSUSING IN WEST-CENTRAL CONNECTICUT, by William J. Frank, Conn. Board of Fisheries and Game. pp. 287-296.
- CRUDE PROTEIN DETERMINATION OF DEER FOOD AS AN APPLIED MANAGEMENT TECHNIQUE, by Arthur S. Einarsen, Oregon Cooperative Wildlife Research Unit. pp. 309-312.
- COOPERATIVE WILDLIFE MANAGEMENT IN VIRGINIA, by Cecil F. DeLaBarre, Virginia Polytechnic Institute, Blacksburg, Va. pp. 313-323.
- COVER MAPPING FOR FOREST AND WILDLIFE MANAGEMENT IN CONNECTICUT, by Milton C. Arnold, Conn. Board of Fisheries and Game. pp. 330-338.
- WILDLIFE SAMPLING BY SOIL TYPES, by Bill T. Crawford, Project Leader, Pittman-Robertson Program, Missouri Conservation Commission. pp. 357-364.
- THE CHAUTAUQUA LAKE MUSKELLUNGE: RESEARCH AND MANAGEMENT APPLIED TO A SPORT FISHERY, by Cecil Heacock, New York State Conservation Department. pp. 419-425.
- MUSKRATS, DUCK PRODUCTION AND MARSH MANAGEMENT, by B. W. Cartwright, Ducks Unlimited, Winnipeg, Canada. pp. 454-457.
- THE CAMERA AND CONSERVATION, by Harris B. Tuttle and William H. Scott, Eastman Kodak Company. pp. 499-504.
- FUR FARMING - A PROFITABLE WILDLIFE BUSINESS, by Frank G. Ashbrook, U. S. Fish and Wildlife Service. pp. 505-510.

DO YOU REALLY KNOW YOUR LIBRARY?

The library has publications of all types, collected specifically for your use. Get acquainted with the books and periodicals which will help you to perform your work more efficiently and satisfactorily.

The February newsletter will carry an annotated list of the periodicals currently received in the library in 1947. The September 1946 newsletter, under the heading What Every USDA Employee in the Northeast Region Should Know About His Library, answers many of your questions about library service.

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NEW RICHES FROM THE SOIL*

By Wheeler McMillen

Comment by Abel Banov, Soil Conservation Service, Northeast Region,
Upper Darby, Pennsylvania

Utopia, to Wheeler McMillen, editor of the Farm Journal and one of the moving spirits in the farm chemurgy movement, would be a land without farm surpluses. It would use agriculture to make its industry self-sufficient; and its agricultural engineers, plant geneticists, organic chemists, bacteriologists and mycologists would knit their united brows to study how to draw heaven out of the earth.

Only it's not just a vain dream, according to Mr. McMillen. He unfolds a new American panorama, not a promise for the future, but already shaping up. Some of the old crops, like cotton, corn, grain sorghum, peanuts and soybeans are familiar actors playing new roles; but the drama in New Riches From The Soil has new stars like lemon-grass, perilla, guar, guayule, ramie, and milkweed----to name a few. Mr. McMillen advises the midwest and the south with their recurring surpluses to get away from their old crops and diversify with products needed for industry. In that way, he says, American agriculture can avoid the pitfalls of depression.

New Riches From The Soil lists two major advantages of chemurgy; 1. It offers new markets for produce of the soil when demand for food products falls off; and 2. It provides a market for agricultural wastes. Herein lie the question marks. What's to happen to industries set up to utilize the new farm products when land planted to chemurgic crops is needed for food? And what's to happen to the soil which now receives agricultural wastes from stalks and other trash in the form of strength-restoring compost?

Can the nation risk setting up competition between chemurgic crops and food for available cropland? After all, best available soil surveys show that we only have about 460 million acres of potential cropland left in the United States, if we include acreages which must first be treated by expensive irrigation and drainage. And at the rate of soil depletion now in progress, that's not a lot of land.

Mr. McMillen isn't blind to these considerations because he reminds his readers early in the book that a stable farm economy in this country, both for chemurgic and food purposes, depends on conservation of our soil resources. He mentions "the author of a recent book...worried about chemurgy...feared that it would carry away so completely the products of the land that nothing would be left with which to restore the soil; nothing, that is, of the organic matter derived by nature's synthesis from the sun and air and rain."

He provides a surprisingly inadequate answer to such a vital consideration by quoting Dr. Paul Kolachov, whom he describes only as a "consulting chemist located in Washington". Dr. Kolachov is quoted as saying that the fermentation industry's by-products can be returned to the soil as fertilizer by first serving as food for animals. This presupposes a more general use of fermentation by-products for animal foods and a willingness on the part of farmers to sell their waste materials and then have to buy animal feed off their farms in order to restore the organic matter which should never have left the fields in the first place. There

are too many "ifs" in this answer. The book would have been much better if Mr. McMillen had spent more time clearing up the question of organic matter which will no doubt arise in the minds of his farm readers and surely will occur to agricultural technicians.

The book, nonetheless, is worth reading. Regardless of the danger of chemurgy, if such actually exists, it seems as though it's here to stay, and Mr. McMillen, one of its most vocal advocates, tells about it in terms that will make fascinating reading for those engaged in agriculture.

*McMillen, Wheeler NEW RICHES FROM THE SOIL; THE PROGRESS OF CHEMURGY.
New York, Van Nostrand, 1946. 397 p. 388 M22

THE LOST WOODS; ADVENTURES OF A NATURALIST*

By Edwin Way Teale

Comment by Theodore C. Fearnow, U. S. Forest Service. Region Seven
Philadelphia, Pennsylvania

This volume records the nostalgic recollections of a naturalist who has travelled and seen much. It includes many delightful accounts of adventure in the realm of nature study over an area extending from the Mangrove swamps of Florida to Thoreau's Walden Pond and the Maine woods -- from the shifting sand dunes of Indiana to the redwood forests of California.

The author describes in a highly entertaining manner experiences and occasions such as a naturalist might encounter in a lifetime of exploration and patient search. A death battle between a diamondback and indigo snake, a visit to the Kittitinnny Hawkway in Pennsylvania during the migration period, a description of the Dildo Key area of tropical Florida and a visit with Dorothy Richard's famous beaver colony in the Adirondacks are but a few of the adventures that may be followed by the reader through the eyes of a naturalist whose powers of observation are uncommonly keen.

The book is profusely illustrated with some two hundred photographs by the author. To the individual who is "too long away from the woods", Edwin Way Teale's volume "The Lost Woods" will provide some absorbing hours of armchair exploration in the field of nature study.

*Teale, Edwin Way THE LOST WOODS; ADVENTURES OF A NATURALIST. New York, Dodd
Mead, 1946. 326 p. 409 T22 1946

PENNSYLVANIA SOIL SURVEYS

Bacon, S. R., Taylor, David, Boileau, Alfred and Yoder, Gerald. SOIL SURVEY OF UNION COUNTY, PENNSYLVANIA. Washington, D. C., Bureau of Plant Industry, Soils and Agricultural Engineering, 1946. 115 p. In cooperation with Pennsylvania State College. September 1946. 1.6 So51

Burke, K. T. A., Craver, R. K., Alderfer, R. B. and Dunkle, E. C. SOIL SURVEY OF BUCKS COUNTY, PENNSYLVANIA. Washington, D. C., Bureau of Plant Industry, Soils and Agricultural Engineering, 1946. 86 p. In cooperation with Pennsylvania State College. October 1946. 1.6 So31

1. The first part of the paper is devoted to a general discussion of the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters α and β . It is shown that the system has a solution for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

2. In the second part of the paper the question of the uniqueness of the solution of the system of equations (1) is considered. It is shown that the system has a unique solution for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

3. In the third part of the paper the question of the stability of the solution of the system of equations (1) is considered. It is shown that the system has a stable solution for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

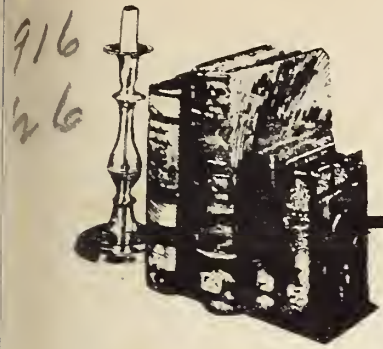
4. In the fourth part of the paper the question of the asymptotic behavior of the solution of the system of equations (1) is considered. It is shown that the system has an asymptotic solution for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

5. In the fifth part of the paper the question of the numerical solution of the system of equations (1) is considered. It is shown that the system has a numerical solution for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

6. In the sixth part of the paper the question of the qualitative properties of the solution of the system of equations (1) is considered. It is shown that the system has qualitative properties for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

7. In the seventh part of the paper the question of the topological properties of the solution of the system of equations (1) is considered. It is shown that the system has topological properties for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.

8. In the eighth part of the paper the question of the geometric properties of the solution of the system of equations (1) is considered. It is shown that the system has geometric properties for all values of the parameters α and β if the function $f(x)$ is continuous and has a bounded derivative.



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LIBRARY NEWS

Vol. 7, No. 2.

February 1947.

BOOKS RECENTLY ADDED TO YOUR LIBRARY

- Clissold, Edgar J. THE SEED INDUSTRY. Boston, Mass., Bellman Publishing Co., 1946. 47 p. (American industries, No. 3.) 61.C61
- Dole, Minot, ed. 1947 NATIONAL SKIING GUIDE. New York, A. S. Barnes, 1946. 160 p.
- Ellis, David M. LANDLORDS AND FARMERS IN THE HUDSON-MOHAWK REGION, 1790-1850. Ithaca, New York, Cornell Univ. Press, 1946. 347 p. 282.061 E15
"A worthy addition to the growing number of publications relating to agricultural history...(It describes) the process of settlement and the characteristics of pioneer agriculture; (traces) the shift from farming to sheep-raising and dairying; and (outlines) the land pattern and the effect of the leasehold upon the agricultural development of eastern New York. Twenty-six counties comprise the geographic territory covered...generous footnotes and 16 pages of bibliography add to the contribution of this volume."
Journal of Forestry, November 1946.
- Farnham, Richard B. and Ingham, Van Wie GROUNDS FOR LIVING; the home dweller's complete guide to his lawns, trees and gardens. New Brunswick, Rutgers University Press, 1946. 334 p. 90 F23
"The steps to be taken and the choices to be made and the reasons for them are explained clearly and concisely with a minimum of technical language... For those who wish to study further any of the topics covered each chapter is followed by a list of references."
Journal of Forestry, February 1946.
- Hamilton, Gordon PRINCIPLES OF SOCIAL CASE RECORDING. New York, Columbia University Press, 1946. 142 p. 280 H184
Chapter titles give some indication of the subjects covered and the attitudes fostered by this book: 1. Recording and practice are interdependent and interrelated. 2. Records are for use. 3. The recording style should suit the case material. 4. Narrative is a good style for recording facts. 5. The summary is a good device for organizing and analyzing facts. 6. Good thinking is essential to good recording. 7. Understanding must include appraising social values. 8. Agency structure, functions and policies condition recording. 9. Letters are an important means of communication. 10. Conclusion. Bibliography (pp. 135-138.)

Harlow, William M. FRUIT KEY TO NORTHEASTERN TREES. Syracuse, N. Y., The Author, 1946. 50 p. 455.2 H222

"A seed is a young plant carefully wrapped up, and waiting to go somewhere."

"This key is intended to serve not only in the actual identification of fruits, but also as an instructional medium. For this reason most technical terms are explained parenthetically." Preface.

Illustrations and an index to both common and scientific names add to its usefulness.

Hayakawa, S. I. LANGUAGE IN ACTION. New York, Harcourt Brace, 1941. 345 p. 200 H32

Everything that its title indicates.

Howard, Sir Albert THE SOIL AND HEALTH; a study of organic agriculture. New York, Devin-Adair, 1947. 307 p. 56.6 H83S

"The purpose of this book is threefold: to emphasize the importance of solar energy and the vegetable kingdom in human affairs; to record my own observations and reflections, which have accumulated during some forty-five years, on the occurrence and prevention of disease; to establish the thesis that most of this disease can be traced to an impoverished soil, which then leads to imperfectly synthesized protein in the green leaf and finally to the breakdown of those protective arrangements which Nature has designed for us." Author's Preface.

In presenting this the author ranges from Rhodesia to Britain, from the United States to Malaya; from the agriculture of primitive man through the ancient world, the Middle Ages, the industrial revolution, and the Second World War.

Lindstrom, David E. RURAL LIFE AND THE CHURCH. Champaign, Illinois, Garrard Press, 1946. 205 p. 281.2 L642C 1946

The chapter headings give some indication of how Dr. Lindstrom relates the program of the rural church to problems of land use, social organization and economic conditions of the rural community: 1. The people and the land; 2. Groups in rural life; 3. The institutions in rural life; 4. Farmers' organizations; 5. Government and the farmer; 6. The farmer and his community; 7. The impact of rural on urban life; 8. Significant rural life trends.

Lutz, Harold J. and Chandler, Robert F., Jr. FOREST SOILS. New York, Wiley, 1946. 514 p. 56.3 L97 (See review by C. H. Diebold in Journal of Forestry, February 1947, pp. 141-142. Mr. Diebold, now in Albuquerque, N.M., ... was for a number of years engaged in soil conservation research in the northeast region.)

McDonald, Philip B. PERSONALITY AND ENGLISH IN TECHNICAL PERSONNEL. New York, Van Nostrand, 1946. 424 p. 249.3 M14

Maryland. Department of Geology, Mines and Water Resources. THE PHYSICAL FEATURES OF CARROLL COUNTY AND FREDERICK COUNTY. Balto., Md., 1946. 312 p. 406 M36

Morrison, Ivan Gregg FARM TRACTOR MAINTENANCE. Danville, Illinois, The Interstate, Inc., 1946. 202 p. 58 M83F

Section headings include: Preventive maintenance procedures, Mechanical services in tractor maintenance, Maintenance through careful operation, Trouble shooting, and Tractor storage.

National Planning Association. DARE FARMERS RISK ABUNDANCE? An agriculture committee report. Washington, D. C., National Planning Association, 1947. 52 p. Planning Pamphlets No. 56. February 1947. 280.9 N2153
Designed especially for use in group discussions.

- Ogden, Jean and Ogden, Jess SMALL COMMUNITIES IN ACTION; stories of citizen programs at work. New York, Harper, 1946. 244 p. 281.2 Og22
- Ridgeway, Robert and Friedmann, Herbert THE BIRDS OF NORTH AND MIDDLE AMERICA; a descriptive catalog. Part X. Washington, D. C., Smithsonian Institution, 1946. 484 p. 500 Sm65B
Includes grouse, ptarmigan, quails, partridges, pheasants, guineafowl and turkeys.
- Seed World. SEED TRADE BUYERS GUIDE 1947. 240 p. 225 Se3 1947
- Sherman, Henry C. FOODS; THEIR VALUE AND MANAGEMENT. New York, Columbia University Press, 1946. 221 p. 389.1 Sh5Foo
- Stanwell-Fletcher, J. F. and Stanwell-Fletcher, T. C. SOME ACCOUNTS OF THE FLORA AND FAUNA OF THE DRIFTWOOD VALLEY REGION OF NORTH CENTRAL BRITISH COLUMBIA. Victoria, B. C., Provincial Museum, 1943. 97 p. Occasional paper no. 4. 517 B770
As a Pennsylvania woman, daughter of a prominent member of the Pennsylvania Forestry Association Theodora C. Stanwell-Fletcher's record of observations have a certain local appeal wherever the actual locale may be. If you have read her book, Driftwood, or the reviews of it in the U. S. Quarterly Book List, the Journal of Forestry, or Forest Leaves you will know that her ability in ecological research is matched by her skill in presenting a "very human and absorbing record of living."
- Swingle, Deane Bret A TEXTBOOK OF SYSTEMATIC BOTANY. 3d ed. New York, McGraw-Hill, 1946. 343 p. 452 Sw5 Ed.3
"Most of the chapters have been thoroughly revised and amplified, some almost entirely rewritten, and a new one has been added on methods of identification." Author's Preface.
- Talbert, Thomas J. GENERAL HORTICULTURE. Philadelphia, Pa., Lea and Febiger, 1946. 452 p. 93 T14G
- Whitman, Roger B. FIRST AID TO THE AILING HOUSE. 4th ed. New York, McGraw-Hill, 1946. 394 p. 323 W59 Ed.4
"In this book, will be found...information on what can be done to offset depreciation, the remedies to apply as the house wears and begins to run down, the materials and methods called for in repair and in maintenance, and in general what to do to keep the house staunch and fresh." Preface to first edition.
"This is a revised edition...prepared to help the home owner meet the new post-war conditions and the years of peace that lie ahead." Preface to the Fourth Edition.

REAPPRAISAL OF THE FOREST SITUATION

- U. S. Forest Service. GAGING THE TIMBER RESOURCE OF THE UNITED STATES. Washington, D. C., 1946. 62 p. Report 1. December 1946.
POTENTIAL REQUIREMENTS FOR TIMBER PRODUCTS IN THE UNITED STATES. Washington, D. C., 1946. 70 p. Report 2. December 1946.
THE MANAGEMENT STATUS OF THE FOREST LANDS IN THE UNITED STATES. Washington, D. C., 1946. 22 p. plus tables. Report 3. December 1946.
Dr. Verne L. Harper and Mr. James C. Rettie, of the Northeastern Forest Experiment Station were largely responsible for the preparation of the second and third reports.

HUMAN ADJUSTMENTS TO FLOODS*

A Geographical Approach to the Flood Problem in the United States
By Gilbert Fowler White

Comment by Norman E. Hawes,
Flood Control Surveys, Northeastern Forest Experiment Station
Philadelphia, Penna.

The author has written what may well be a classic in flood control literature. Gilbert White (35) recently inaugurated as president of Haverford College, prepared the volume as his Ph.D. dissertation. Much of the information was drawn from his six years' experience with the National Resources Planning Board. His approach, as the sub-title indicates, is that of the geographer. But geography is employed in an all-inclusive sense of the word; so broad that most of us who think of grammar school geography will "learn something new". The book will provide absorbing reading for those readers interested in the control of floods.

Gilbert White handles the problem in five chapters: Chapter I, A comprehensive view of the flood problem, outlines both the public approach to the flood problem and his "geographical approach." Chapter II, Elements of the flood problem, makes some worthwhile definitions. Chapter III, Major factors affecting adjustments to floods, deals mainly with appraisal of flood losses. Chapter IV, Adjustment to floods, covers the methods of reducing flood losses. Chapter V, Conclusions, suggests changes in public policy in line with his broader "geographic approach" to the problem. The student of flood control will find the classified bibliography of over 250 references of considerable value.

White suggests that in the solution to flood problems, the environmental and social conditions in each locality be examined and a broad and essentially geographical approach be used. The breadth and comprehensiveness of his approach is indicated by his words that it is "a view which considers all possible alternatives for reducing or preventing flood losses". These alternatives include flood protection by engineering works, flood abatement by land use management, flood forecasts, public relief, and flood plain adjustments such as changes in building construction and use of flood plains. The author does not stop there but includes within the scope of his approach a consideration of "all relevant benefits and costs". His concept is perhaps too farsighted for acceptance at the present time. We will likely lean more towards a planned and regimented economy before the nation undertakes the approach White suggests.

White's discussion of the economics of flood loss and benefit appraisal is enlightening. He points out the variation in appraisal methods employed by different government offices. Though one cannot agree with him on all his conclusions, one cannot afford to overlook his views. He shows the need for additional study of flood loss appraisal techniques and both careful and sound conclusions drawn therefrom.

Now that Flood Control Surveys are again being conducted in the Northeast by the Soil Conservation Service and Forest Service, increased interest is being shown in the role of land use and management in flood reduction. White makes a critical analysis of these surveys. He points out that "little evidence to support wide

spread adoption of land use measures as an adjustment to floods has come from hydrologic and agronomic research." Then he stresses the need for a strengthened program of research to provide answers for use on flood control surveys. He also points out the limitations of land use treatment in reduction of major floods. However, he states as fact that "the frequency of some floods of less magnitude than the probable maximum flood in the Trinity Basin, Texas, could be reduced by the accomplishment of certain cropping, terracing, grazing and forestry practices in critical areas of the basin, thus obtaining a substantial reduction in the mean annual flood loss". This statement with others may be reassuring to those engaged in similar flood control surveys, and to others engaged in land use and management work of the Department of Agriculture.

*White, Gilbert Fowler HUMAN ADJUSTMENTS TO FLOODS; A Geographical Approach to the Flood Problem in the United States. Chicago, University of Chicago, 1945. 225 p.

TRANSACTIONS OF THE AMERICAN GEOPHYSICAL UNION, 1945-1946 (330.9 Am3)

In volume 26, nos. 1-3, (1945), pp. 1-482, you will find such papers as:

Horton, Robert E. INFILTRATION AND RUN-OFF DURING THE SNOW-MELTING SEASON WITH FOREST COVER. pp. 59-68.

Gumbel, E. J. SIMPLIFIED PLOTTING OF STATISTICAL OBSERVATIONS. pp. 69-82.

Ellison, W. D. SOME EFFECTS OF RAINDROPS AND SURFACE-FLOW ON SOIL EROSION AND INFILTRATION. pp. 415-430.

In volume 27, nos. 1-6, (1946), pp. 1-926 are the two papers by Harold W. Hobbs and Olin R. Neal, respectively, listed below on page 6 under their individual names; and other papers such as:

Anderson, Henry W. THE EFFECT OF FREEZING ON SOIL MOISTURE AND ON EVAPORATION FROM BARE SOIL. pp. 863-870.

ANTHRACITE SURVEY PAPERS

Northeastern Forest Experiment Station (1.9622 A2An8)

THE FOREST SITUATION IN NORTHUMBERLAND, COLUMBIA AND MONTGOMERY COUNTIES, PENNSYLVANIA. 12 p. with 26 page appendix. Anthracite Survey Paper no. 11. June 15, 1946.

THE FOREST SITUATION IN LUZERNE AND LACKAWANNA COUNTIES, PENNSYLVANIA. 14 p. with 19 page appendix. Anthracite survey paper no. 12. November 15, 1946.

THE FOREST SITUATION IN WAYNE AND SUSQUEHANNA COUNTIES, PENNSYLVANIA. 13 p. with 18 p. appendix. Anthracite survey paper 13. December 16, 1946.

THE NORTHEAST IN PRINT


Dengler, Harry W. THE MYSTERY OF THE MISTLETOE. American Forests, December 1946. pp. 572-573, 606. Mr. Dengler, now Extension Forester in Maryland, was formerly with the Soil Conservation Service in the Northeast Region.

Eisenmenger, M. S. and Kucinski, Karol J. RELATIONSHIP OF SEED PLANT DEVELOPMENT TO THE NEED OF MAGNESIUM. Soil Science, January 1947. pp. 13-17.

Mr. Kucinski is Research Project Supervisor for the Soil Conservation Service at Massachusetts State College, Amherst, Massachusetts.

- Harper, Verne L. HARDWOOD PULP RESOURCES OF THE NORTHEAST. In report of conference on "New Developments in Hardwood Pulp" held at Syracuse, N. Y., October 2, 1946, published by the Northeastern Wood Utilization Council as their Bulletin no. 14, January 1947, pp. 7-16. Dr. Harper is Director of the Northeastern Forest Experiment Station, Philadelphia, Pa.
- Lamb, John Jr. SOIL EROSION AND FERTILIZER RESPONSE. Fertilizer Review, July-August-September 1946. pp. 12-13. Dr. Lamb has been in charge for more than a decade of the Soil Conservation Service research project at Ithaca, N.Y.
- Hobbs, Harold W. RUNOFF-BEHAVIOR OF SMALL AGRICULTURAL WATERSHEDS UNDER VARIOUS LAND USE PRACTICES. American Geophysical Union, Trans., v. 27, 1946. pp. 69-80. Mr. Hobbs is in charge of Hydrological Research for the Soil Conservation Service at College Park, Maryland; and in this paper presents some of the findings from land-use studies underway since 1939 on the Plant Research Farm, six miles northwest of College Park, undertaken by the Soil Conservation Service in cooperation with the University of Maryland Agricultural Experiment Station.
- Miles, Vernal C. WE HAD NO LABOR - WHAT THEN? American Nurseryman, August 15, 1946. pp. 7-10. Illustrated. Mr. Miles, now District Conservationist at Coudersport, Pa., was at the time of writing, manager of the SCS nursery at Howard, Pa. He gives a precise and practical description of how co-operative thinking evolved labor saving techniques by which operations at the nursery could be continued and maintained in spite of wartime labor shortages.
- Neal, O. R. and Butler, C. C. THE INFLUENCE OF TREATMENT AND SLOPE LENGTH ON RATE OF RUNOFF FROM COLLINGTON SANDY LOAM. American Geophysical Union, Trans., v. 27, 1946. pp. 837-842. Dr. O. R. Neal has been for some years in charge of research for the Soil Conservation Service at the New Jersey Agricultural Experiment Station at New Brunswick, N. J. Data for this paper was collected at the Marlboro Soil Conservation Experiment Station.
- Ritter, Edward DE-NAZIFICATION OF GERMAN FORESTERS. American Forests, December 1946. pp. 583-600.
- Ritter, Edward LUMBERING IN GREATER HESSE-GERMANY. Journal of Forestry, January, 1947. pp. 7-9. The author who is with the U. S. Forest Service, Region 7, Philadelphia, Pa. was a Major in the U. S. Army, and served as a sawmill and lumber specialist during the invasion of Germany and the Battle of the Bulge. Prior to V. E. Day he was made chief forester for the Rhine Province, and later chief forester for Greater Hesse.
- Simmons, Fred C. SKIDDING WITH TRACTORS. Southern Lumberman, October 15, 1946. pp. 72, 74, 76, 78, 80, 82. LIMBING AND BUCKING THE TREE. Southern Lumberman, November 15, 1946. pp. 68, 70, 72, 74. HOW TO TAKE CARE OF YOUR BOW SAW. Southern Lumberman, December 15, 1946. pp. 278, 280, 284.
- Simmons, Fred C. MECHANIZED LOGGING IN THE NORTHEAST. Wood, February 1947. Mr. Simmons is with the Forest Utilization Division of the Northeastern Forest Experiment Station, Philadelphia, Pa.
- Smith, R. M. and Browning, D. R. OCCURRENCE, NATURE AND LAND USE SIGNIFICANCE OF "SILT-PAN" SUB-SOILS IN WEST VIRGINIA. Soil Science, October 1946. pp. 307-317. Mr. Smith is Research Project Supervisor for the Soil Conservation Service, at the University of West Virginia, Morgantown, W. Va.
- Sprague, V. G. PASTURE RENOVATION: I. SEEDED PREPARATION, SEEDLING ESTABLISHMENT AND SUBSEQUENT YIELDS. American Society of Agronomy, Journal, January 1947. pp. 12-25. Report of a cooperative investigation of the U. S. Pasture Research Laboratory, Bureau of Plant Industry, Soils, and Agricultural Engineering, State College, Pa., and the Departments of Agronomy, Engineering and Animal Husbandry, Pennsylvania State College.

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LIBRARY NEWS

Vol. 7, No. 3.

March 1947.

A FEW BOOKS RECENTLY ADDED TO YOUR LIBRARY

Chabot, Ernest. GREENHOUSE GARDENING FOR EVERYONE. New York, Barrows, 1946.
266 p. 90.13 C34

How to garden under glass in plain, practical language. Effectively
illustrated with photographs and line drawings and diagrams.

Forster, Garnet Wolsey. FARM ORGANIZATION AND MANAGEMENT. New York, Prentice-
Hall, 1946. 490 p. 281.12 F77 1946 Revised.

Garner, Wightman Wells. THE PRODUCTION OF TOBACCO. Philadelphia, Blakiston,
1946. 516 p. 69 G18

The author was formerly in charge of the Division of Tobacco Investiga-
tions, Bureau of Plant Industry, Soils and Agricultural Engineering.

Part I, The Tobacco Industry, discusses the botanical relations, growth,
characteristics, technical classification, quality as related to utiliza-
tion and manufacture, and historical background. Part II, Growing, Curing,
and Marketing the Crop, deals with applied tobacco production in all its
phases. Part III, Physiology, Chemistry, and Genetics of Tobacco, relates
to the theory of tobacco production and the findings of research bearing
on tobacco-production improvement, and tobacco manufactures. Bibliography,
pp. 487-502.

Johns-Manville. SUPPLEMENTAL IRRIGATION. New York, 1945. 619 p. 55 J62

Prepared by the Johns-Manville Company to "familiarize (their) engineers
and representatives with the subject to a sufficient degree so that they
may meet, on terms of understanding, with the men of the agricultural col-
leges and experiment stations, with specialists and county agents ... and
with the farmers themselves."

Pearson, Frank Ashmore and Vial, Edmund E. PRICES OF DAIRY PRODUCTS AND OTHER
LIVESTOCK PRODUCTS. Ithaca, N. Y., Cornell University Press, 1946.
154 p. 284.3 P31D.

This is the record of a cooperative study of prices from 1920 to 1941 under-
taken by the Department of Agricultural Economics at Cornell University and
the Office of the Market Administrator, New York Metropolitan Milk Marketing
Area. It includes prices of butter, cheese, evaporated milk, ice cream,
non-fat dry milk solids, casein, eggs, poultry, meats, lard, cottonseed oil,
and cooking fats.

THE PRACTICE OF SILVICULTURE*

By Ralph Chipman Hawley

Comment by F. C. Simmons, Northeastern Forest Experiment Station, Philadelphia, Pa.

As Professor Hawley, whom hundreds of practicing foresters insist upon calling "Pop", points out in his introduction to this, the fifth edition of his standard work, eight years have elapsed since the fourth edition was published. Although these include the war years, there has been a great deal of progress in silviculture as applied to North American forests in that time. Much research has been done, and older research studies have been brought to fruition. Even more important, a great deal more silviculture has been practiced in the woods.

Hawley has incorporated the results of much of this progress in this revision. He has apparently combed the literature thoroughly, and drawn on his wide acquaintance and intimate knowledge, particularly of practice in the Northeast and the South. The result is a tremendously improved book, even over the fourth edition, in practical usefulness to the forester. Practice of Silviculture, remains however, primarily a textbook of principles for the real student of forestry.

The classical systems of silviculture, developed for the most part in Europe, are explained and illustrated in his recognized masterful style. His emphasis on reproduction remains unchanged, in fact it is strengthened by a conclusion summing up the reasons why he still believes that eventually silvicultural practice in America will come closer and closer to the French and German systems.

For the practicing forester, and for the agricultural specialist in other lines, who wants to know a little about current silvicultural practice in the United States, Weltveld's Applied Silviculture or Cheyney's American Silvics and Silviculture need not be overlooked despite Hawley's book as a standard text.

*Hawley, Ralph Chipman. THE PRACTICE OF SILVICULTURE. New York, J. Wiley and Sons, 1946. 5th ed. revised. 354 p. 99.45 H31 Ed.5

CLIPPINGS FROM CURRENT REVIEWS

McMillen, Wheeler. NEW RICHES FROM THE SOIL; THE PROGRESS OF CHEMURGY. New York, Van Nostrand, 1946. 396 p. 388 M22

"A popular style book dealing with the development of farm chemurgy and some of its accomplishments...Among the interesting stories told are the following: The cigaret paper story; Corn, a crop with new ideas; Corncobs and oat hulls; Soybeans, a new crop that has arrived; New crops for wheat and cotton lands; The empire of fibers; Wealth from the woods; Animal chemurgy; Alcohol, and American Farm Rubber...This first real book on... farm waste utilization is welcome." Paper Trade Journal, December 26, 1946/

Rayner, Mabel Chevley. TREES AND TOADSTOOLS. London, Faber and Faber, 1946. 71 p. 463.88 R21T

"This well-illustrated book for the non-scientific reader discusses the relationship between trees and the higher fungi... in language that is as non-technical as the subject will permit."

Shepard, Ward. FOOD OR FAMINE; THE CHALLENGE OF EROSION. New York, Macmillan 1945. 225 p. 56.7 Sh4F

"I do not recall any finer piece of exposition than the author's treatment of the ecology of the topsoil, that thin film built through eons which stands between the human race and extinction."

John Collier, The Nation, March 23, 1946.

Sherman, Henry Clapp. CHEMISTRY OF FOOD AND NUTRITION. New York, Macmillan, 1946. 675 p. 7th ed. 389.1 Sh5C Ed. 7

"Of ... value to ... readers who are interested in the facts regarding the relation of nutrition to health and efficiency, and the trend of present day research. It is useful as a guide to the literature of nutrition."

New Technical Books, New York Public Library, July 1946.

Shorman, Henry Clapp. FOODS; THEIR VALUES AND MANAGEMENT. New York, Columbia University Press; 1946. 221 p. 389.1 Sh5Foc

"A chapter is devoted to each of ten major food groups: grain crops, mature legumes and nuts; potatoes and sweet potatoes; green and yellow vegetables; citrus fruits and tomatoes; other fruits and vegetables; milk and its products; meats, fish, poultry and eggs; food fats; sugar and sweet ... an experienced and logical presentation which every thinking American in the food field should study."

Food Materials and Equipment, December 1946.

Talbert, Thomas Jesse. GENERAL HORTICULTURE; PRINCIPLES AND PRACTICES OF ORCHARD, SMALL FRUIT, AND GARDEN CULTURE. Philadelphia, Lea and Febiger, 1946. 452 p. 93 T14G

"Nearly 300 of the 452 pages ... deal with North-Temperate deciduous fruits, but short chapters have been added on vegetable crops, on beautifying the home grounds, on tropical and sub-tropical fruits and other general horticultural topics so as to broaden its scope... The subject matter is complete so far as fruits are concerned... Practical considerations and the real purpose of horticulture in providing food for mankind and in providing a living for the producer are kept constantly in the forefront. Selected references at the end of each section make it possible to pursue any particular subject in greater detail."

H. B. Tukey, Scientific Monthly, March 1947.

Tressler, Donald Kiteley. INTO THE FREEZER AND OUT. New York, Avi Publishing Company, 1946. 223 p. 389.3 T721

"An excellent practical guide to the proper freezing of foods ... a great storehouse of information."

American Journal of Public Health, November, 1946.

Wilde, Sergius Alexander. FOREST SOILS AND FOREST GROWTH. Waltham, Mass., Chronica Botanica, 1946. 241 p. 56.3 W64F

"One outstanding quality of this book is its clarity.... The author leads the reader through the necessary applications of chemistry, physics, biology, hydrology and ecology, but he retains coherence and unity by never straying far from the central theme, forest soils... Another refreshing quality is its courageous originality... Original drawings throughout this book make easy reading. Little woodland sketches at the chapter ends add an intimate artistic touch to the general excellence of the text."

John Auten, Scientific Monthly, March 1947.

TREES AND SHRUBS OF NEW HAMPSHIRE*

By John H. Foster

Comment by Reeshon Feuer, Soil Scientist,
formerly with Soil Conservation Service, Northeast Region
and BPISAE, Raymond, New Hampshire

Are you wondering which of the several viburnums is the shrub you have found along the edge of a wet spot? Possibly this shrub may be one of the dogwoods. But on second thought if you are not a professional botanist, forester or biologist you may have misgivings about looking up the specimen in Gray's Manual. Anyway, who can carry Gray's Manual along on field trips?

Don't pass up identification of this shrub, however. Verifying the species of the shrub may be of considerable value, or at least interest, to you now or in the future. If you are a soil scientist, or a soil conservationist, this shrub may well indicate to you certain soil conditions. There is a handy little pocket-size volume of 120 pages that will quickly give you the information you are seeking. This little 4" by 7" booklet with its wear resistant cover is Trees and Shrubs of New Hampshire by John H. Foster, State Forester of New Hampshire. You can get it at a purely nominal price from the Society for the Protection of New Hampshire Forests, Concord, New Hampshire.

From the carefully chosen 100 to 200 words describing each tree and shrub species, including drawings of most species, quick and easy identification is possible. Brief and pertinent site and climatic distribution information is given. Enough margin space is left on each page to enter personal observations concerning the plants you identify.

*Foster, John H. TREES AND SHRUBS OF NEW HAMPSHIRE. Concord, N. H., Society for the Protection of New Hampshire Forests, 1941. 2d ed. 120 p. illus. 455.32 F81 Ed. 2.

THE NORTHEAST IN PRINT

Barnard, John W. BONUS FROM CONTOURS. Pennsylvania Farmer, February 22, 1947. pp. 146-147. Mr. Barnard is in the Projects Plans Division, Soil Conservation Service, Upper Darby, Pa.

Biddle, William W. and Tyson, Chester J., Jr. RURAL PROBLEMS. Friends Intelligencer, Second Month 15, 1947. Dr. Biddle is chief of the Community and Cooperative Services, and Mr. Tyson, assistant regional director of the Farmers Home Administration, Philadelphia, Pa.

Ott, William S. and Hannaman, Donald A. AFTER 100 YEARS. (The completion of the Pocomoke project.) Soil Conservation, January 1947, pp. 125, 144. The authors are respectively District Conservationist and Engineering Specialist, Soil Conservation Service, Salisbury, Maryland.

Robinson, R. R. and Sprague, V. G. THE CLOVER POPULATION AND YIELDS OF A KENTUCKY BLUEGRASS SOD AS AFFECTED BY NITROGEN FERTILIZATION, CLIPPING TREATMENTS AND IRRIGATION. Journal of American Society of Agronomy, February 1947, pp. 107-116.

This is Contribution #77 of the U. S. Pasture Research Laboratory, State College, Pennsylvania.

SELECTED BULLETINS RECENTLY RECEIVED

Farm Real Estate

Reagan, M. M. and Johnson, A. R. THE FARM REAL ESTATE SITUATION, 1945-1946.
Washington, D. C., 1947. 45 p. USDA Circular 754. 1 Ag84C

Forest Fires

Dowling, Ellen C.. GABBY AND THE FOREST FIRES. Washington, D. C., American Tree Association, 1947. Scratchboard drawings by Ed Hofziger. Unnumbered pages.

Forest Growth

Buell, Jesse H. THE PREDICTION OF GROWTH IN UNEVEN-AGED TIMBER STANDS ON THE BASIS OF DIAMETER DISTRIBUTIONS. Durham, N. C., Duke University School of Forestry, 1945. 70 p. Bulletin No. 11. 99.9 D88

Forest Insects

Beal, James A. and Massey, Calvin L. BARK BEETLES AND AMBROSIA BEETLES (Coleoptera: Scolytoidea): with special reference to species occurring in North Carolina. Durham, N. C., Duke University School of Forestry, 1945. 178 p. Bulletin No. 10. 99.9 D88

Fruits and Vegetables

Spangler, Raymond L. STANDARDIZATION AND INSPECTION OF FRESH FRUITS AND VEGETABLES. Washington, D. C., Production and Marketing Administration, 1946. 28 p. USDA Misc. Pub. 604. 1 Ag84M

Green Manure

McKee, Roland. SUMMER CROPS FOR GREEN MANURE AND SOIL IMPROVEMENT. Washington, D. C., 1935. Revised January 1947. 16 p. Farmers' Bulletin 1750. 1 Ag84F

Poultry

Jull, M. A. INCUBATION AND BROODING OF CHICKENS. Washington, D. C., 1928. Revised September 1946. 26 p. Farmers' Bulletin 1538. 1 Ag84F

Research Laboratories

U. S. Agricultural Research Administration. POULTRY DISEASE INVESTIGATIONS AT THE U. S. REGIONAL RESEARCH LABORATORY. Washington, D. C., 1946. 27 p. USDA Misc. Pub. 609. 1 Ag84M

This publication was prepared under the direction of S. B. Fracker, coordinator of research with the cooperation of the staff of the U. S. Poultry Research Laboratory, East Lansing, Michigan. It is "one of a series, each of which describes the work of one of the Bankhead-Jones laboratories, covering the complete program, the results obtained to date, and the continuing research". It lists the nine Bankhead-Jones laboratories, and gives a list of the publications of the Regional Poultry Research Laboratory.

U. S. Bureau of Agricultural and Industrial Chemistry. EXHIBIT PICTURES FROM THE FOUR REGIONAL RESEARCH LABORATORIES. Washington, D. C., 1947. 54 p. USDA Misc. Pub. 617. 1 Ag84M
Includes also a picture of each of the four regional research laboratories, a map of their region, and a list of the commodities studied.

COMMENTS FROM THE FIELD

Ellis Landlords and farmers in the Hudson-Mohawk region, 1790-1850. 1946.
282.061 E15 "This book is a real find--thanks very much for sending it."
BAE, State College, Pa.

Mickey Health from the ground up. 1946. 56.6 In8 "I really appreciate
your contribution in keeping us posted." SCS, New Martinsville, W. Va.

Starch How to develop your executive ability. 1943. 249.3 St2 "This kind
of material is always stimulating." SCS, Newport, R. I.

Weber My country school diary. 1946. 275 W38 "Enjoyed this book very much
...Too bad with the teaching situation the way it is, that there aren't
more Miss Weber's." FHA, Scranton, Pa.

Wentzel Song of the earth. 1946. "Thanks for sending this interesting and
beautiful book." SCS, Amherst, Mass.

Journal of Mammalogy, August 1946. "The article on the black bear was so worth-
while that I wanted our District Rangers to read it and have routed the
publication to them." Forest Service, Laconia, N. H.

WAITING LISTS

Many of our books get a very modest "fan mail" and can be yours for the asking right away, or very soon. Every month, however, in the case of a few publications you pile up on our waiting lists a dozen or eighteen deep. Then we wish we could go out and buy a dozen beautiful fresh copies and send one to each of you. We can't, of course; so Number Eighteen must have well-nigh forgotten he ever asked for it by the time a surprise package containing a much worn volume hits his desk. They are still good books; so we hope you like them even at long last.

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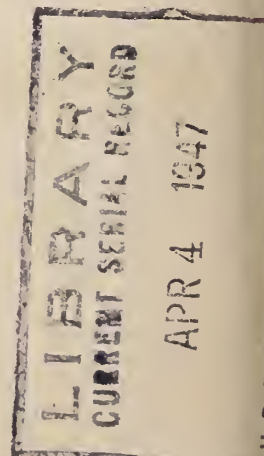
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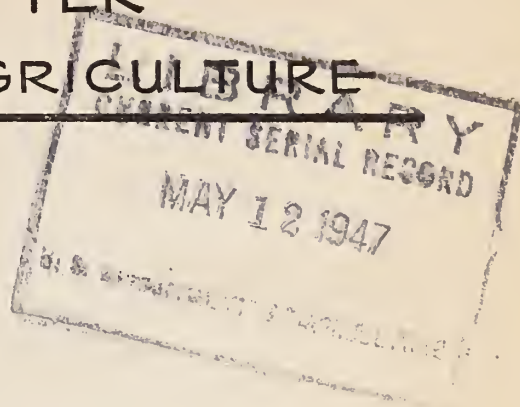
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Vol. 7, No. 4

April 1947

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BOOKS RECENTLY RECEIVED

Harding, T. Swann TWO BLADES OF GRASS; a history of scientific development in the United States Department of Agriculture. Norman, University of Oklahoma, 1947. 352 p. 31.3 H21T

"An absorbing account of the search for better grains, fruits, livestock and methods of soil and forest conservation, for control of diseases in plants and animals, and for additional economic uses of farm products and by products."

Science Newsletter, March 22, 1947

Heuser, G. F. FEEDING POULTRY. New York, Wiley, 1946. 543 p. 47 H48F
A reviewer commends to the reader's attention "a section, not too technical, on the feed nutrients and their functions; on vitamins and vitamin deficiencies; on unusual and vegetable protein feeds"; the section on pastures; the index and the bibliography.

Scientific Agriculture, March 1947

Koroleff, Alexander M. PRACTICAL WOODLOT MANAGEMENT-HOW TO USE THE FORESTS SOUNDLY AND PROFITABLY. Montreal, The Author, 1946. 60 p. 99.62 K84
"This primer of forestry is admirably adapted to its intended use in educating the owners of small woodlots in the proper care and management of the forest. It combines simple and direct language with sound technical accuracy...illustrated...with great fidelity to facts and...high degree of artistic ability...The best text that has yet appeared for a widely disseminated effort to improve management of small woodlots."

Journal of Forestry, February 1947

Laurie, Alexander SOILS AND FERTILIZERS FOR GREENHOUSE AND GARDEN. New York, A. T. De La Mare Company, 1946. 119 p. 57 L37 1946
A revision of Fertilizers for Greenhouse and Garden Crops originally published in 1930. It is the author's intention here to bring the book up-to-date by adding "the information acquired since then."

SELECTED BULLETINS RECENTLY RECEIVED

Agricultural Labor

Pittman, C. W. E. ATLANTIC COAST MIGRATORY MOVEMENT OF AGRICULTURAL WORKERS.
War years. Washington, D. C., U. S. Extension Service, 1946. 42 p.
1.913 E2At62

Dairy Industry

New York (State) Dept. of Agriculture and Markets. STATISTICS RELATIVE TO THE
DAIRY INDUSTRY IN NEW YORK STATE. 1942-1944. Albany, New York, 1946.
338 p. Bulletin 357. 2 N48B

Pennsylvania Waters

Pennsylvania. Department of Forests and Waters. TEMPERATURE OF NATURAL WATERS
IN PENNSYLVANIA. Harrisburg, Pa., 1946. 222 p. (Prepared in coopera-
tion with the U. S. Geological Survey.) 292.9 P385T

Rural Sociology

Anderson, W. A. RURAL SOCIAL TRENDS IN NEW YORK; their implications for exten-
sion activities. Ithaca, N. Y., New York State College of Agriculture,
1946. 11 p. May 1946.
Gordon, W. R. NEW AMERICANS IN RURAL RHODE ISLAND. Kingston, R. I., Rhode
Island Agri. Expt. Sta., 1946. 55 p. Bulletin 298. 100 R34

Science and Society

Dorr, Harold M. ed. SOME SOCIAL IMPLICATIONS OF MODERN SCIENCE. Philadelphia,
Pa., American Academy of Political and Social Science, 1947. 220 p.
Annals 249, January 1947. 289.9 Am34
Includes papers on the impact of modern science on use of natural resour-
ces, population growth, nutrition, public health, etc.

Wildlife

Foote, Leonard E. VERMONT'S WILD GAME RESOURCE; a study of the Vermont hunter.
Burlington, Vt., Vermont Fish and Game Service, 1946. 48 p. State
Bulletin, Pittman-Robertson series No. 14. Bibliography pp. 47-48.
412.9 V59P
Seamans, Roger A. THE TIME IS NOW! A pictorial story of Vermont's deer herd.
Burlington, Vt., Vermont Fish and Game Service, 1946. 48 p. State
Bulletin, Pittman-Robertson series No. 15. 412.9 V59P

Wood Utilization

Aries, Robert S. CHLOROPHYLL. New Haven, Conn., Northeastern Wood Utilization
Council, 1946. 6 p. Bulletin 8. 99.9 N819B
Heermance, Edgar L. CHARCOAL PRODUCTION. New Haven, Conn., Northeastern Wood
Utilization Council, 1946. 4 p. Bulletin 10. 99.9 N819B
Heermance, Edgar L. ORGANIZED MARKETING AND INTEGRATED LOGGING. New Haven,
Conn., Northeastern Wood Utilization Council, 1946. 2 p. Bulletin 11.
99.9 N819B
Northeastern Wood Utilization Council Report of Progress 1942-1946. New
Haven, Conn., 1946. 4 p. Bulletin 13. 99.9 N819B
Northeastern Wood Utilization Council WOOD YEAST FOR ANIMAL FEED. New Haven,
Conn., 1946. 198 p. Bulletin 12. 99.9 N819B
U. S. Forest Service. Forest Products Laboratory. PRODUCTS OF AMERICAN
FORESTS, by J. Alfred Hall and T. J. Mosley. Washington, D. C., 1939.
Revised 1946. 50 p. 1 F7692P

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| Advanced management. q.
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| Agricultural chemicals. m. | American lumberman and building products merchandiser. bi-w. |
| Agricultural engineering. m.
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| Agricultural history. q.
issued by Agricultural History Society | American nurseryman. s-m. |
| Agricultural leaders digest. 10 nos. | American poultry journal. m. |
| Agricultural news letter. bi-m.
issued by E. I. du Pont de Nemours and Co. | American Society of Agronomy. Journal. m. |
| American Academy of Political and Social Science. Annals. bi-m. | American Society Farm Management and Rural Appraisers. Journal. s-a. |
| American agriculturist. s-m. | Appalachia. m.
issued by Appalachian Mountain Club |
| American business. m. | Appalachian trailway news. m.
issued by Appalachian Trail Conf. |
| American Congress of Surveying and Mapping. Quarterly journal. q. | Audubon magazine. bi-m.
issued by National Audubon Society |
| American economic review. q.
issued by American Economic Assoc. | Ayrshire digest. m.
issued by Ayrshire Breeders Assoc. |
| American Farm Bureau Federation. Official newsletter. bi-w. | |
| American farm youth. m. | Bakelite review. q.
issued by Bakelite Corporation |
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Better rural life. m.
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supplement to Chronica Botanica
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Borden's review of nutrition. 10 nos.
issued by Borden Company
Broadcasting. w.
Brown Swiss bulletin. m.
issued by Brown Swiss Cattle Breeders Assoc.
Canada lumberman. s-m.
Canadian woodworker. m.
Chemurgic digest. s-m.
issued by National Farm Chemurgic Council
Chronica botanica. 4 nos.
Commercial bulletin. w.
commodity reports for northeastern market
Commercial fertilizer. m.
Commonwealth, the magazine for Pennsylvania m.
Connecticut Milk Products Association. Bulletin. m.
Connecticut woodlands. 3 nos.
issued by Connecticut Forest and Park Assoc.
Conservation news. q.
issued by National Wildlife Fed.
Conservation news digest. m.
issued by National Lumber Manufacturers Assoc.
Cooperative digest. m.
Cornell plantations. q.
issued by Cornell University
Country book magazine. q.
Country gentleman. m.
Dairymen's league news. bi-w.
issued by Dairymen's League Cooperative Assoc.
Dairymen's price reporter. m.
issued by Dairymen's Co-op Sales Assoc.
Domestic commerce.
issued by U.S. Dept. of Commerce
DuPont magazine. 5 nos.
issued by E. I. du Pont de Nemours and Co.
Eastern milk producer. m.
issued by the Eastern Milk Producers Cooperative Assoc.
Eastern states cooperator. m.
issued by Eastern States Farmers Exchange
Ecological monographs. q.
issued by Ecological Soc. of America
Ecology. q.
issued by Ecological Soc. of America
Economic geography. q.
Empire forestry review. s-a.
issued by Empire Forestry Assoc.
Engineering news record. w.
Excavating engineer. m.
Extension service news. m.
issued by Maryland Extension Service
Facts for farmers. m.
Farm economics. irr.
issued by New York State College of Agriculture
Farm equipment retailing. m.
issued by National Retail Farm Equipment Assoc.
Farm implement news. bi-w.
Farm journal. m.
Farm quarterly. q.
Farm research. q.
issued by New York State Agricultural Experiment Station
Farm service news. bi-m.
issued by New Jersey Dept. of Agriculture
Farmers' digest. m.
Fauna. q.
issued by Zoological Society of Philadelphia
Federal reserve bulletin. m.
issued by Board of Governors, Federal Reserve System
Fertilizer review. bi-m.
issued by National Fertilizer Assoc.
Field and stream. m.
Food and Agriculture Organization.
FAO commodity series.
FAO information service bulletin. m.
* Limited circulation.

- Foreign commerce weekly. w.
issued by U.S. Dept. of Commerce
Foreign Policy Association.
Bulletin. w.
Headline books. bi-m.
Reports. s-m.
Forest and outdoors. m.
issued by Canadian Forestry Assoc.
Forest and park news. 6 nos.
issued by Massachusetts Forest and
Park Assoc.
The forest farmer. m.
issued by Forest Farmers Assoc.
Cooperative
Forest leaves. bi-m.
issued by Pennsylvania Forestry
Assoc.
Forest notes. irr.
issued by Society for Protection
of New Hampshire Forests
*Forestry abstracts. q.
issued by Imperial Forestry Bureau
Forestry chronicle. q.
issued by Canadian Society of
Foresters
Forestry digest. m.
issued by American Forest Products
Industries, Inc.
Genetics. bi-m.
issued by Brooklyn Botanic Garden
Guernsey breeders journal. s-m.
issued by American Guernsey Cattle
Club
Hartford county farm news. irr.
*Herbage abstracts. bi-m.
issued by Imperial Bureau of Pas-
ture and Forage crops.
Hints for potato growers. m.
issued by New Jersey State Potato
Assoc.
Hoard's dairyman. s-m.
Holstein-Friesian world. s-m.
Implement and tractor. bi-w.
Jersey bulletin. s-m.
issued by American Jersey Cattle Club
Journal of the American concrete insti-
tute. 10 nos.
Journal of economic entomology. bi-m.
issued by American Assoc. of Econ-
omic Entomologists
Journal of farm economics. q.
issue by American Farm Economics
Assoc.
Journal of forestry. m.
issued by Society of American
Foresters
Journal of geography. 9 nos.
issued by National Council of Geo-
graphy Teachers
Journal of geology. bi-m.
Journal of home economics. 10 nos.
issued by American Home Economic
Assoc.
Journal of land and public utility
economics. q.
Journal of mammalogy. q.
issued by American Society of
Mammalogists
Journal of soil and water conserva-
tion. q.
issued by Soil Conservation Soc-
iety of America
Journal of wildlife management. q.
issued by the Wildlife Society
Labor information bulletin. m.
issued by U.S. Dept. of Labor
Lake states timber digest. m.
The land. q.
issued by Friends of the Land
The land letter. irr.
issued by Friends of the Land
League of Maryland sportsmen. Rally
sheet. m.
Litchfield county farm bureau news. m.
Living wilderness. q.
issued by the Wilderness Society.
Market administrator-Philadelphia
area. News letter. irr.
Market administrator's bulletin.
New York. q.
Maryland conservationist. q.
Maryland fruit grower. q.
issued by Maryland Extension Ser-
vice
Modern plastics. m.

- Monthly labor review. m.
issued by U.S. Bur. of Labor
Statistics
- Monthly weather review. m.
issued by U.S. Weather Bureau
- National butter and cheese journal.
m.
- National coopers' journal. m.
- National county agent and extension
review. m.
- National grange monthly. m.
official magazine of National Grange
- National hardwood magazine. m.
- National planning association. Pam-
phlets. m.
- Nation's agriculture. m.
issued by American Farm Bureau Fed-
eration
- New England dairyman. m.
issued by New England Milk Pro-
ducers Assoc.
- New England homestead. s-m.
- New England newsletter. m.
issued by New England Council
- New Hampshire troubadour. m.
issued by New Hampshire State Plan-
ning and Development Admn.
- New Jersey agriculture. irr.
issued by New Jersey Agricultural
Experiment Station
- New Jersey farm and garden. m.
- New York lumber trade journal. m.
- New York state conservationist. bi-m.
- New York State College of Forestry. q.
The news letter.
- Newsletter on economic problems. 5 nos.
issued by Friends General Conference
- Nutrition abstracts and reviews. q.
Aberdeen, Scotland
- Paper trade journal. w.
- Parks and recreation. bi-m.
issued by American Institute of
Park Executives
- Pasture notes. irr.
issued by National Fertilizer Assoc.
- Pennsylvania angler. m.
issued by Pennsylvania Board of
Fish Commissioners
- Pennsylvania farm economics. irr.
issued by Pennsylvania Agricul-
tural Extension Service
- Pennsylvania farmer. s-m.
- Pennsylvania forests and waters. irr.
issued by Pennsylvania Dept. of
Forests and Waters
- Pennsylvania game news. m.
issued by Pennsylvania Game Com-
mission.
- Pennsylvania Department of Internal
Affairs. Monthly bulletin. m.
- Pennsylvania planning. irr.
issued by Pennsylvania State Plan-
ning Board
- Pennsylvania school journal. 9 nos.
issued by Pennsylvania State Edu-
cation Assoc.
- Personnel administration. bi-m.
issued by Society for Personnel
Administration
- Personnel journal. 10 nos.
- Photogrammetric engineering. q.
issued by American Society of
Photogrammetry
- Pittman-Robertson Quarterly. q.
issued by U.S. Fish and Wildlife
Service
- The plan. m.
issued by the Middle Atlantic
Lumbermen's Assoc.
- Plastics. m.
- Plastics world. m.
- The progressive fish-culturists.
issued by U.S. Fish and Wildlife
Service
- Public administration review. q.
issued by American Society for
Public Administration
- Public affairs pamphlets. m.
issued by Public Affairs Committee
- Public health reports. w.
issued by U.S. Public Health
Service
- Public personnel review. q.
issued by Civil Service Assembly
of the United States and Canada
- Public policy digest. 10 nos.
issued by National Planning Assoc.
- Public roads. q.
issued by U.S. Public Roads Admn.

Pulp and paper magazine of Canada. m.
issued by Canadian Pulp and Paper
Assoc.

Quarterly journal of forestry. 2 nos.
issued by the Royal English Forestry
Society

Recreation. m.
issued by National Recreation Assoc.

Resinous reporter. 5 nos.
issued by Resinous Products and
Chemical Co.

Roads and streets. m.

Rural New Yorker. s-m.

Rural sociology. q.
issued by Rural Sociological Society

Safety engineering. m.
Science. w.
issued by American Assoc. for the
Advancement of Science

Science news letter. w.

Scientific agriculture. m.
issued by Agricultural Institute of
Canada

Scientific monthly. m.
issued by American Society for the
Advancement of Science

Scottish forestry journal. 1 no.
issued by the Royal Scottish
Forestry Society

Seed world. s-m.

Selected government publications. bi-w.
issued by Superintendent of Documents

Shade tree. q.
issued by New Jersey Federation of
Shade Tree Commissions

Soil augur.
issued by Massachusetts State Ex-
tension Service

Soil builder. irr.

Soil science. m.

Southern lumberman. s-m.

State department bulletin. w.
issued by U.S. Dept. of State
State government. m.
issued by the Council of State
Governments

Successful farming. m.

Survey of current business. m.
issued by U.S. Dept. of Commerce

Timber of Canada. m.
issued by Canadian Lumberman's
Assoc.

Timberman. m.

U. S. egg and poultry magazine. m.
issued by the Institute of Ameri-
can Poultry Industries

Veneers and plywood. m.

Vital speeches of the day. s-m.

Wallace's farmer. s-m.

West Virginia conservationist. m.

Wildlife review. irr.
issued by U. S. Fish and Wildlife
Service

Wildlife society newsletter. irr.

Wood. m.

Wood construction. s-m.

Wood preserving news. m.
issued by Canadian Wood Preser-
vers Assoc.

Wood products. m.

Woodworking digest. m.

Work simplification news letter.
irr.

Yachting. m.

USDA PERIODICALS CURRENTLY RECEIVED - 1947

U. S. Bur. of Agri. Economics

Agricultural prices. m.

Agricultural situation. m.

Commercial truck crops. m.

Cotton situation. m.

Crops and markets. q.

Crop production. m.

Current developments in the farm
real estate market. q.

Dairy situation. m.

Demand and price situation. m.

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| <p>U. S. Bur. of Agri. Economics (cont.)</p> <p>Farm cost situation. s-a.</p> <p>Farm income situation. m.</p> <p>Farm labor report. m.</p> <p>Fats and oils situation. bi-m.</p> <p>Feed situation. m.</p> <p>Fruit situation. 4 nos.</p> <p>Land policy review. q.</p> <p>Livestock and meat situation. m.</p> <p>Marketing & transportation situation. m.</p> <p>National food situation. m.</p> <p>Poultry and egg situation. m.</p> <p>Statistical summary. m.</p> <p>Tobacco situation. 4 nos.</p> <p>Vegetable situation. 4 nos.</p> <p>Wheat situation. 5 nos.</p> <p>Wool situation. bi-m.</p> <p>U. S. Bur. of Plant Industry, Soils
and Agricultural Engineering</p> <p>Plant disease reporter. s-m.</p> <p>U. S. Extension Service</p> <p>Extension service review. m.</p> | <p>U. S. Department of Agriculture</p> <p>Bibliography of agriculture. m.</p> <p>Consumers' guide. m.</p> <p>Journal of agri. research. s-m.</p> <p>Monthly list of publications and
motion pictures. m.</p> <p>USDA. bi-w.</p> <p>U. S. Farm Credit Administration</p> <p>News for farmer cooperatives. m.</p> <p>U. S. Forest Service</p> <p>Fire control notes. q.</p> <p>U. S. Office of Experiment Stations</p> <p>Experiment station record. m.</p> <p>U. S. Office of For. Agri. Relations</p> <p>Agriculture in the Americas. m.</p> <p>Foreign agricultural trade. m.</p> <p>Foreign agriculture. m.</p> <p>Foreign crops and markets. m.</p> <p>U. S. Rural Electrification Admn.</p> <p>Rural electrification news. m.</p> <p>U. S. Soil Conservation Service</p> <p>Soil conservation. m.</p> |
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PERIODICALS RESERVED IN THE LIBRARY FOR REFERENCE ONLY

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| <p>Agricultural index. m.</p> <p>subject index to a selected list of
agricultural periodicals, books and
bulletins</p> <p>Congressional directory. 2 nos.</p> <p>Congressional record. d. during
sessions of congress</p> <p>Digest of congressional proceedings.
d. during sessions</p> <p>Cumulative book index. m.</p> <p>world list of books in the English
language as published</p> | <p>Federal register. d. except Sun. &
Mon. and days following holidays.
regulations and notices from
various government departments</p> <p>Monthly catalog. m.</p> <p>issued by U. S. Supt. of Documents</p> <p>Monthly checklist of state publications.
m. issued by the Library of Congress</p> <p>Public Affairs Information Service.
Bulletin. Annual cumulative index</p> <p>U. S. Government manual. 2 nos.</p> |
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NOTES TO PERIODICAL READERS

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If several individuals in your office wish to read a periodical, please send us all the names. It adds to the length of time we expect it to stay in your office; and helps us to keep our records clear.

Send a card directly to the library whenever you wish to cancel a periodical, or change your address. We will make the change at once, and only periodicals sent out on your routing circuit before we get your notice will continue to come to you. A note to us on the routing slip often takes a long time to reach us. The change can be made effective much more quickly if you notify us directly.



LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE

PHILADELPHIA BRANCH LIBRARY
Bankers Securities Building
Juniper and Walnut Streets.
Philadelphia 7, Pa.

Fourth Floor
Room 403

Telephone
Pennypacker 5-6978

LIBRARY NEWS

Vol. 8, Nos. 5 and 6.

May-June 1947

NEW BOOKS RECEIVED RECENTLY IN YOUR LIBRARY

- Anderson, Ralph O. APPLIED PHOTOGRAMMETRY. Chattanooga, Tennessee, 1946.
518 p. 4th ed. enlarged and revised. 325.2 An2 Ed.4
- Clark, William H. FARMS AND FARMERS; the Story of American Agriculture.
Boston, L. C. Page, 1945. 346 p. 30.9 C542
In foreword and introduction the author indicates that his aim has been to write a "brief and straightforward account" of the human, social and economic development of the American farmer. He carries his story from 1600 through World War II and on into the post-war world. His narrative is simple rather than ponderous. An index, a bibliography, citations of references at the end of each chapter, a chronology of agriculture, and many attractive and significant illustrations add to the value of the book.
- Cleeton, Glen U. EXECUTIVE ABILITY: ITS DISCOVERY AND DEVELOPMENT. Yellow Springs, Ohio, Antioch Press, 1946. 540 p. Ed. 2. 249.3 C58 Ed. 2.
- Gardner, Victor R. THE CHERRY AND ITS CULTURE New York, Orange Judd, 1946.
Revised edition. 146 p. 33.52 G17 1946
"This book has been written with the object in view of bringing together a fund of information on the cherry and its culture that will be equally useful to the amateur who has only a few trees, and to the commercial producer who may have several hundred acres." Preface.
- Gustafson, A. F. and others LAND FOR THE FAMILY: A GUIDE TO COUNTRY LIVING.
Ithaca, New York, Comstock Publishing Co., 1947. 501 p. 31.3 G97
See review on page 2.
- Hutchinson, Lois Irene STANDARD HANDBOOK FOR SECRETARIES. New York, McGraw-Hill, 1947. 616 p. 5th ed. 200.3 H97 Ed. 5
For reference.
- Lord, Russell THE WALLACES OF IOWA. Boston, Mass., Houghton Mifflin, 1947.
615 p. 120 W155W
"Mr. Lord has written a book as important as it is absorbing."
New York Times March 23, 1947
- Newton, Stan PAUL BUNYAN OF THE GREAT LAKES. Chicago, Packard, 1946. 188 p.
145 N48
- Quinn, A. O. SAMPLE COMPUTATION FOR SPATIAL RESECTION. Syracuse, N.Y., 1947.
27 p. Bulletin on aerial photogrammetry no. 17. April 1947.
325.2 C475 no. 17.

- Technical Association of the Pulp and Paper Industry. PULP WOOD STANDS - PROCUREMENT AND UTILIZATION. New York, Tappi, 1947. 190 p. Tappi Monograph Series No. 4.
- U. S. Civil Aeronautics Administration. ORIGIN, DISTRIBUTION, AND AIRPHOTO IDENTIFICATION OF THE UNITED STATES SOILS WITH SPECIAL REFERENCES TO AIRPORT AND HIGHWAY ENGINEERING, by D. S. Jenkins and others. Washington, D. C., U. S. Civil Aeronautics Authority, 1946. 202 p. Technical Development Report No. 52. May 1946. With Appendix B. 173 C490 no. 52.
- Wilkinson, Albert Edmund THE ENCYCLOPEDIA OF FRUITS, BERRIES AND NUTS AND HOW TO GROW THEM. Philadelphia, Blakiston, 1945. 271 p. 93.21 W65
"This book has been planned especially for the home gardener. It is a practical and up-to-date guide for the successful growing of fruits, berries, and nuts on your own grounds. All the varieties which can be grown in the United States are included, thus making the book suitable for all parts of the country." Preface
- Wilkinson, Albert Edmund THE FLOWER ENCYCLOPEDIA AND GARDENERS GUIDE. Garden City, New Home Library, 1943. 524 p. 96.02 W65

LAND FOR THE FAMILY: A GUIDE TO COUNTRY LIVING*

By A. F. Gustafson, E. V. Hardenburgh, E. Y. Smith, and Jeanette B. McCay
Comment by Frank C. Edminster, Chief, Regional Biology Division
Soil Conservation Service, Upper Darby, Pennsylvania

Another fine contribution to the popular literature on American farming has come from the pens of Cornell's agricultural faculty. In "Land for the Family", four authors have collaborated to provide a comprehensive story of living with plants and animals on the farm.

The authors place great emphasis on developing the farm as a home in the country, as indicated by the book's subtitle, "A Guide to Country Living". They start by giving suggestions on selection of a desirable community for the farm home, and for placing the home itself. Cultural facilities available are important as well as having productive soils. Methods of handling the soil, including prevention of erosion and appropriate types of farm machinery come next.

Most of the space is devoted to the selection of crops to grow and the techniques of growing them. While there is ample information on crops grown commercially, the main attention is given to producing food for the family. Since only 13 per cent of farm families grow enough potatoes for their own use, only 10 per cent enough green vegetables, and even lower proportions for other vegetables and fruits, this is a subject deserving wide attention.

The vegetable garden, home fruits, feed crops, and flowers and ornamentals each have their chapters. Then follow discussions of poultry, dairy, honey, and meat products. Woodlands and wildlife are given brief treatment.

The final six chapters cover food problems in the home. Arrangement of kitchen facilities, balanced diets, and all the modern methods of preserving and storing foods are fully treated.

The book is well illustrated with many photographs, and has 55 tables of useful facts about foods.

While recognizing that the main theme of the story is food, the text could be improved by a somewhat fuller treatment of the farm's woodland crops, its wildlife, and opportunities for recreation through hunting, fishing, nature study and outdoor sports.

*Gustafson, A. F., Hardenburgh, E. V., Smith, E. Y. and McCoy, Jeannette B.
LAND FOR THE FAMILY; A GUIDE TO COUNTRY LIVING. Ithaca, N. Y., Comstock Publishing Co., Inc., 1947. 501 p. 31.3 G97

AGRICULTURE BEFORE CONGRESS

U. S. Congress. House. Subcommittee of the Committee on Appropriations. DEPARTMENT OF AGRICULTURE APPROPRIATION BILL FOR 1948. Hearings...80th congress, 1st sess. Part 1. 23569 p. Part 2. Forest Service. 402 p.

THE NORTHEAST IN PRINT

Beaumont, A. B. RESHAPING THE NEW ENGLAND LANDSCAPE. Christian Science Monitor, Magazine Section, March 22, 1947.

Dr. Beaumont is Massachusetts State Conservationist, Soil Conservation Service.

Carter, Roy M. TRENDS AND PROBLEMS OF THE WOOD TURNING INDUSTRY IN THE NORTHEAST. Report of the Sixth Vermont Wood Products Conference 1946. pp. 4-13. 99.9 V592 1946 (Also in Wood Products, May 1947, pp. 22, 24, 26, 30.) Mr. Carter is "specialist in manufacture and fabrication, Forest Utilization Service, Northeastern Forest Experiment Station, Philadelphia, Pa."

Cunningham, F. E., Filip, S. M. and Ferree, M. J. RELATION OF TREE STUMP TO DIAMETER BREAST HEIGHT. Lake States Timber Digest, April 24, 1947, p. 18. This is an excerpt from Station Note No. 1, Northeastern Forest Experiment Station, February 14, 1947 (1.9622 N2F76S no. 1)

Harper, Verne L. TIMBER RESOURCES OF NEW ENGLAND AND NEW YORK WITH SPECIAL REFERENCE TO PULPWOOD SUPPLIES. pp. 31-39 in Tappi Monograph Series No. 4, Pulpwood Stands, Procurement and Utilization 1947. Dr. Harper is Director, Northeastern Forest Experiment Station, Philadelphia, Pa.

Pasto, Jerome K. HOUSING AND EMPLOYING MIGRATORY FARM WORKERS IN NEW YORK. Ithaca, New York State College of Agriculture, 1947. AE-585 27 p.

Potter, H. S. LAND MANAGEMENT BENEFITS WATER SUPPLIES AS A NATURAL RESOURCE. Pennsylvania Angler, May 1947, p. 6.

Mr. Potter is with the Northeastern Forest Experiment Station, Philadelphia, Pennsylvania.

Simmons, Fred C. MORE LOADING TIPS TO SPEED HANDLING WOOD. Wood, March 1947. pp. 26-27, 47-48.

Mr. Simmons is with the Forest Utilization Division, Northeastern Forest Experiment Station, Philadelphia, Pa.

ADDITION TO PERIODICAL LIST

Outdoor America. m.

Official publication of Izaak Walton League of America.

SOIL CONSERVATION CLASSICS

You will find in the April 1947 issue of the Journal of Soil and Water Conservation an annotated list of fourteen books selected by Dr. William R. Van Dersal of the U. S. Soil Conservation Service as books which should "be familiar to every professional soil conservationist". As all but the first and the eleventh on this list are available in your Philadelphia Branch Library, we list them below, with library call number for your convenience. For Dr. Van Dersal's comments, see the Journal of Soil and Water Conservation, 2(2):109-112.

1. THE EARTH AS MODIFIED BY HUMAN ACTION, by G. P. Marsh. 1884. 629 pp.
(Out of print. Last issued by Scribner 1907.)
2. HOLY EARTH, by L. H. Bailey. 1915. Reprinted 1943. 117 pp. 30.4 B15
3. SOIL EXHAUSTION AS A FACTOR IN THE AGRICULTURAL HISTORY OF VIRGINIA AND MARYLAND, 1606-1860, by R. O. Craven. 1925. 178 pp. 56.6.C85
4. SOIL EROSION AS A NATIONAL MENACE, by H. H. Bennett and W. R. Chapline. U.S. D. A. Circular 22. 1928. 36 pp. 1 Ag84C No. 33.
5. DESERTS ON THE MARCH, by Paul B. Sears. 1935. 231 pp. 277.12 Sel
6. RICH LAND, POOR LAND, by Stuart Chase. 1936. 361 pp. 279 C38
7. THE RAPE OF THE EARTH, by G. V. Jacks and R. O. Whyte. 1939. 312 pp.
"This magnificent book was republished in this country...in 1939 under the title of Vanishing Lands" with "some 60 pages of material and a number of plates" omitted. It is this American edition which we have in the Philadelphia Branch Library. 56.7 J13V
8. SOIL CONSERVATION, by H. H. Bennett. 1939. 993 pp. 56.7 B43S
9. EARLY AMERICAN SOIL CONSERVATIONISTS, by Angus McDonald. U.S.D.A. Miscellaneous Publication 394. 1940. 63 pp. 1 Ag84M No. 394
10. THIS LAND WE DEFEND, by H. H. Bennett and W. C. Fryor. 1942. 107 pp.
56.7 B43T
11. SOIL EROSION IN NEW ZEALAND, by K. B. Cumberland. 1943. 227 pp.
12. NATURAL PRINCIPLES OF LAND USE, by Edward H. Graham. 1944. 274 pp.
282 G76
13. FOOD OR FAMINE, by Ward Shepard. 1945. 225 pp. 56.7 Sh4F
14. MAN AND THE SOIL, by Karl B. Mickey. 1945. 110 pp. 56.7 In8

In Dr. Van Dersal's opinion the items numbered 7 and 8 "easily head any list of important books on soil conservation...Taken together they form a near-complete library in themselves."

FOREST SOILS AND FOREST GROWTH*

By Sergius Alexander Wilde

Comment by Henry R. Adams, Chief, Regional Soil Conservation Surveys Division,
Soil Conservation Service, Northeast Region, Upper Darby, Pennsylvania

This book is what the name implies. It is not an adaptation of agronomic soils information; it is a discussion of forest soils. It presents a comprehensive review of the world's literature on the subject, broadened by the author's own experience in research and teaching, both in Europe and the United States. A bibliography of several hundred papers is given with frequent references throughout the text.

The book begins with a discussion of the history and importance of the science of forest soils. From this, it leads to an explanation of the origin of different kinds of soil and a description of the forest types found on each great soil group throughout the world. The physical, chemical and biological properties of soils are discussed in relation to trees and tree growth. Planting and cutting practices are suggested for different soil conditions. In connection with each topic, considerable attention is given to forest nurseries and the last five chapters deal with forest nursery management.

In discussing the classification of the great soil groups of the world, the author introduces some of his own ideas, making it difficult to correlate the discussion with the classification scheme used by the U. S. Department of Agriculture. The system of forest soil surveying which he describes is also quite different from the soil surveys and soil conservation surveys of the Department of Agriculture.

This book is very technical in style. In places it is not easy to read. This difficulty is increased by the very frequent references to literature which interrupt the flow of thought, and also the system of putting many paragraphs in fine print.

There are a few pages of photographs at the end of the book, and diagrammatic sketches are used throughout the text.

*Wilde, Sergius Alexander FOREST SOILS AND FOREST GROWTH. Waltham, Mass.,
Chronica Botanica, 1946. 241 pp. 56.3 W64F

LIST OF REFERENCES ON CONSERVATION OF NATURAL RESOURCES

Through the courtesy of the Northeastern Forest Experiment Station the following list has been prepared for distribution. Copies are available on request from the Philadelphia Branch Library.

U. S. Forest Service. Northeastern Forest Experiment Station. SELECTED LIST OF REFERENCES ON CONSERVATION OF NATURAL RESOURCES AVAILABLE THROUGH THE PHILADELPHIA BRANCH, U. S. DEPARTMENT OF AGRICULTURE LIBRARY. 5 p.
May 15, 1947.

CLIPPINGS FROM CURRENT REVIEWS

Chabot, Ernest D. GREENHOUSE GARDENING FOR EVERYONE. New York, Barrows, 1946. 266 p. 90.13 C34

"Full of first hand knowledge of the value of right location, the use of durable materials, the kinds of structures available, the heating, management, and provision for potting bench, etc.; and, best of all, the variety of plants, bulbs, shrubs and vegetables possible to grow under glass. Amateurs who have small green houses will find his cultural data sound and helpful, the pictures alluring and the diagrams effective." Publishers Weekly, March 15, 1947.

Clissold, Edgar J. THE SEED INDUSTRY. Boston, Mass., Bellman, 1946. 47 p. 61 C61

"Although this publication features the organization and personnel requirements of a typical seed business it contains a lot of basic information that every forester should know about the history, techniques, and general workings of the industry. It lists the names and addresses of national and state seed trade associations, agricultural experiment stations, and 52 professional publications." Journal of Forestry, September 1946.

Ellis, David Maldwyn LANDLORDS AND FARMERS IN THE HUDSON-MOHAWK REGION, 1790-1850. Ithaca, N. Y., Cornell University Press, 1946. 347 p. 282.061 E15

"The interesting story... of shifting population, rural decline, transition from grain culture to sheep raising and dairying, feeble attempts at improved husbandry, canal and turnpike construction, the continuing conflict between the tenants and the great landlords, and political victories which were to lead the way to the final destruction of the aristocratic tradition in New York agriculture." U. S. Quarterly Book List, September 1946.

Garner, Wightman Wells THE PRODUCTION OF TOBACCO. Philadelphia, Blakiston, 1946. 516 p. 69 G18

"An extensive bibliography, author and subject indexes and illustrations complete a book that is written by a recognized authority on the subject, in a style that is easily read by a college student, a member of the industry, or an interested layman." U. S. Quarterly Book List, March 1947.

Van Dersal, William R. and Graham, Edward H. THE LAND RENEWED; THE STORY OF SOIL CONSERVATION. New York, Oxford University Press, 1946. 56.7 V28

"When pictures and print are skillfully and authoritatively combined to tell a straight story the way is made easy for the reader. Two leaders in the Soil Conservation Service have united to tell in an attractive, brief and forceful way a story of the land in this country as it has deteriorated in many areas under neglect or unwise use, and as it is being conserved or rebuilt in more fortunate places through care and tried techniques." U. S. Quarterly Book List, September 1946.

"Ford doors made of beans are not,
at base, as wonderful as even the beans themselves;
and not nearly so mysterious and vital and fragile as soil."

From review of New Riches from the Soil, New York Herald Tribune, January 26, 1947

SELECTED BULLETINS RECENTLY RECEIVED

Clover

Hollowell, E. A. CRIMSON CLOVER. Washington, D. C., 1938. Revised 1947.
8 p. U.S.D.A. Leaflet 160. 1 Ag84L no. 160

Cooperatives

National Council of Farmer Cooperatives. FARMER COOPERATIVES AND THE FEDERAL INCOME TAX. Washington, D. C., 1946(?). 15 p. 284.5 N2194F
U. S. Farm Credit Administration. MERCHANDISING PROGRAM OF COOPERATIVES SELLING MAINE POTATOES IN THREE MARKETS 1944-1945 and 1945-1946, by George H. Goldsborough and John H. Heckman. Washington, D. C., 1947. 18 p. Miscellaneous report 104. 166.3 M68 no. 104.

Farm and Home Finances

Galloway, Z. L. and Rokahr, Mary FARM AND HOME FINANCIAL PLANNING. Washington, D. C., 1946. 14 p. U.S.D.A. Miscellaneous Publication 599.
1 Ag84M no. 599.

Food

Chamber of Commerce of the United States OUR MEAT SUPPLY. Washington, D. C. 1946(?). 31 p. 50 C35
Clark, Faith and others NUTRITIVE VALUE OF THE PER CAPITA FOOD SUPPLY, 1909-1945. Washington, D. C., 1947. 36 p. U.S.D.A. Miscellaneous Publication 616. 1 Ag84M no. 616.
Ericson, Myrtle H. FAMILY MEAL SERVICE. Ithaca, N. Y., New York State College of Home Economics, 1946. 24 p. Cornell Extension Bulletin 702. 275.29 N48
U. S. Bureau of Human Nutrition and Home Economics. FOOD FOR THE FAMILY WITH YOUNG CHILDREN. Washington, D. C., 1946. 16 p. AIS-59 1 Ag84M no. 59

Forestry Activities and Resources

Pennsylvania State Planning Board. FOREST RESOURCES. Harrisburg, Pa., 1946. 44 p. Pennsylvania Planning v. 10, no. 1, November 1946. 280.7 P383
U. S. Library of Congress. FORESTRY ACTIVITIES OF THE FEDERAL GOVERNMENT. Prepared by Virginia W. Brewer. Washington, D. C., 1946. 185 p. Legislative Reference Service Bulletin 47. 280.9 Un31

Home Management

Bishopp, F. C. HOUSEHOLDLY CONTROL. Washington, D. C., 1939. Revised 1946. 9 p. U.S.D.A. Leaflet 182. 1 Ag84L no. 182
Grocery Manufacturers of America, Inc. LABELS IN THE SPOTLIGHT. New York, 1946. 27 p. 389.3 G893
Heiner, Mary K. and McCullough, Helon E. KITCHEN CUPBOARDS THAT SIMPLIFY STORAGE. Ithaca, N. Y., New York State College of Home Economics, 1947. 32 p. Cornell Extension Bulletin 705. 275.29 N48 no. 703
U. S. Bureau of Human Nutrition and Home Economics. HOW TO CHOOSE AND USE YOUR REFRIGERATOR. Washington, D. C., 1946. 15 p. AIS-56. 1 Ag84M no. 56

Landscape Gardening

- Feldkamp, Cora L. LANDSCAPE GARDENING FOR THE RURAL COMMUNITY IN THE UNITED STATES. A List of References. Washington, D. C., U. S. Dept. of Agriculture Library, 1947. 46 p. Library List No. 35. 1.916 L614 no. 35
- Korbobe, R. P., Farnham, R. B. and Connors, C. H. IMPROVING THE CHURCH GROUNDS. New Brunswick, N. J., New Jersey Extension Service, 1946. 12 p. New Jersey Extension Bulletin 243. 275.29 W46 no. 243

Maine Agriculture and Climate

- Fobes, Charles B. CLIMATIC DIVISIONS OF MAINE. Orono, Maine, Maine Technology Experiment Station, 1946. 44 p. Bulletin 40. 290.9 M28P no. 40
- Maine Development Commission. MAINE AGRICULTURE. Augusta, Maine, 1946(?) 63 p.

Mechanized Agriculture

- Agricultural Institute of Canada. MECHANIZATION IN CANADIAN AGRICULTURE. Ottawa, Canada, 1947. pp. 75-170. Reprint from Agricultural Institute Review, March 1947.

Rabbit Production

- Templeton, George S., Ashbrook, Frank G. and Kellogg, Charles E. Washington, D. C., 1939. Revised 1946. 62 p. U.S.D.A. Farmers' Bulletin 1730. 1 Ag84F no. 1730

Rural Youth

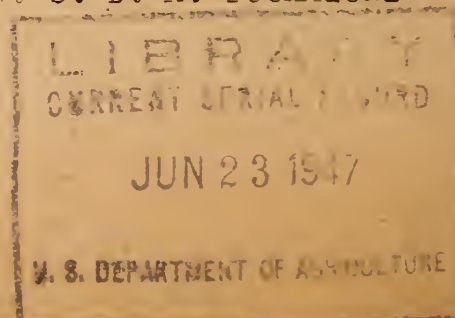
- United Christian Youth Movement. CHRISTIAN YOUTH AND THE RURAL TASK. Chicago, Illinois, 1946. 28 p. 281.2 Un34

Soil Conservation

- American Bankers Association. Agricultural Commission. WHAT BANKERS CAN DO ABOUT SOIL CONSERVATION. New York, N. Y., 1947. 35 p.
- American Plant Food Council, Inc. OUR LAND AND ITS CARE. Washington, D. C., 1947. 64 p. 57 Am30
- American Plant Food Council, Inc. THIS FERTILE LAND OF OURS. Washington, D. C., 1947. 19 p. 57 Am3
- International Harvester Company. LET'S PRACTICE SOIL CONSERVATION FOR A PERMANENT AGRICULTURE. Chicago, Illinois, 1946(?). 23 p.
- Sears-Roebuck Foundation. THE LORD'S LAND. Chicago, Illinois, 1947. By Morris E. Fonda. 26 p.

Wood Technology

- Northeastern Wood Utilization Council. WOOD DISTILLATION. New Haven, Conn., 1947. 60 p. Bulletin 15. 99.9 N819B no. 15
- Contents: Modernization of hardwood distillation, by R. H. Twining; Resume of research in Quebec, by Jos. Risi; Recent developments in the production of charcoal and by-products, by Robert S. Aries; Activated carbon as a wood product, by R. H. Twining.
- Stamm, Alfred J. PASSAGE OF LIQUIDS, VAPORS AND DISSOLVED MATERIALS THROUGH SOFTWOODS. Washington, D. C., 1946. 80 p. U. S. D. A. Technical Bulletin 929. 1 Ag84T no. 929



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LIBRARY NEWS

Vol. 7, No. 7

July 1947

BOOKS RECENTLY RECEIVED IN YOUR LIBRARY

- Edminster, Frank C. THE RUFFED GROUSE, ITS LIFE STORY, ECOLOGY AND MANAGEMENT.
New York, Macmillan, 1947. 385 p. 413 Ed5 To be reviewed.
- Fenske, T. H., Drake, R. M. and Edson, A. W. ARITHMETIC IN AGRICULTURE.
St. Paul, Webb Publishing Co., 1945. 243 p. 325 F36 1947
(Accompanied by Answers to Problems)
- Graham, Edward H. THE LAND AND WILDLIFE. New York, Oxford University Press,
1947. 232 p. 282.12.G76 See review on p. 2-3.
- Imperial Bureau of Pastures and Forage Crops. ADVANCES IN GRASSLAND AND FODDER
PRODUCTION. Second symposium. Aberystwyth, Great Britain, 1947. 83 p.
Bulletin No. 38. 64.8 Im7
- Jack, Walter James FURROW AND US. Philadelphia, Pa., Dorrance and Co., 1946.
158 p. 56.7 J122 To be reviewed.
"An answer to Plowman's Folly... a recital of the practical and scientific
reasons for making a quick return to the earth of all residues." Jacket.
- Kuznets, Simon Smith NATIONAL PRODUCT SINCE 1869. New York, 1946. 239 p.
Publications of the National Bureau of Economic Research No. 146.
280.12 K96N
- National Shade Tree Conference. TWENTY-SECOND PROCEEDINGS. Columbus, Ohio,
National Shade Tree Conference, 1946. 349 p. 99.9 N218
- Northeastern Wood Utilization Council. SPECIAL TREATMENTS OF WOOD. New Haven,
Conn., 1947. 103 p. Bulletin No. 18. 99.9 N819B
Includes discussions of recent developments on wood treatment at the Forest
Products Laboratory; resin impregnation; new resin adhesives; fire retarding
treatment; lumber impregnation; new vapor drying process; chemical and mech-
anical aids in wood bending; and impregnation of wood with terpin hydrate
treatments.
- Tolleris, Beatrice K. ANNUAL REPORTS; HOW TO PLAN AND WRITE THEM. New York,
National Publication Council, 1946. 39 p. 238 T57
- U. S. Department of Agriculture. SCIENCE IN FARMING. Yearbook of Agriculture
1943-1947. Washington, D. C., 1947. 944 p. 1 Ag84Y 1943-47
"Practical and specific." Science Newsletter June 7, 1947
"You have here a report on some developments in farm science. It contains
practical information about research of the past few years pertaining to

animals, plants, insects, soils, water, machines, conservation, processes, marketing, industrial uses of farm products, agricultural chemistry, food, clothing, and economics...Its purpose is to help everybody to make the most of the products of the laboratory, the test plot, and the pilot plant.... This book was prepared primarily for farmers, but we have always had in mind other persons whose interests and work have to do with gardening, chemistry, beekeeping, stock raising, conservation, horticulture, house-keeping and such. The Yearbook should be particularly useful to returning servicemen who want to farm and to persons who will find in these pages details of a product that may help them to build or enlarge businesses of their own." Editor's Preface.

U. S. Bureau of the Census. A CHAPTER IN POPULATION SAMPLING. Washington, D. C., 1947. 141 p.

Waring, P. Alston SOIL AND STEEL; EXPLORING THE COMMON INTERESTS OF FARMERS AND WAGE EARNERS. New York, Harper, 1947. 240 p. 281.12 W23

"We have written this book because we believe that many wage earners in cities do not know a great deal about farmers and their problems, and that most farmers are unaware of the life of people whose income is in a pay envelope." Author's Preface. To be reviewed.

Wilkinson, Albert E. THE ENCYCLOPEDIA OF TREES, SHRUBS, VINES AND LAWNS FOR THE HOME GARDEN. Philadelphia, Pa., Blakiston, 1946. 486 p. 90.01 W65

"Excellent reference book." Publisher's Weekly March 15, 1947.

THE LAND AND WILDLIFE*

By Edward H. Graham

Comments by Donald R. Gedney

Northeastern Forest Experiment Station, U.S. Forest Service, Philadelphia, Pa.

Dr. Graham, Biologist for the Soil Conservation Service, has written a book to prove a point. His point is that practical wildlife management is accomplished through good land use. In proving his point he has produced a book, easily understood by the layman and valuable to the technician. It probably represents the best and most complete coverage of the relation of wildlife to the land that has yet been published. For anyone working with the land or problems of the land, or just interested in catching more fish, this book should definitely be a must.

Good land use means management of forest and range land, cropland, pasture, and woodlots so as to assure soil and water conservation. In terms of wildlife, good land use means an adequate food supply and suitable habitat for wildlife resulting in a balanced self-sustaining game and fish population. It is not difficult to see the converse of this philosophy in our past and, unfortunately, all too frequently in our present land use practices. For when men and land are not in harmony, wildlife will not flourish. The responsibility of the problem rests on our shoulders for man controls the environment and wildlife is a product of the environment. Whether we are agriculturists, agronomists, or foresters the influence of our work with the land goes far beyond the immediate problem. As Graham says, "Wildlife benefits more from land management than it does from wildlife management."

Graham includes a discussion in his book of many practices beneficial to the land and wildlife. Of interest to foresters are the chapters dealing with

forests and woodlots; of interest to the agriculturist is a gamut of subjects including discussions concerning cropland, windbreaks, hedges, ditches, ponds and waters. An unusual aspect of the book is a chapter titled 'The Cost and Harvest'. Viewing wildlife as a crop resulting from multiple land use, Graham places a dollar-and-cents value on the game produced in a manner similar to other land products such as corn, beef, or timber. Cultural, historical, and legal aspects presented in the book serve to round out and provide a background necessary to understand present wildlife problems.

The book has numerous photographic reproductions as well as an annotated bibliography.

*Graham, Edward H. THE LAND AND WILDLIFE. New York, Oxford University Press, 1947. 232 p. 282.12 G76

POULTRY

BOOKS AVAILABLE DIRECTLY FROM YOUR PHILADELPHIA BRANCH LIBRARY*

- Barger, Edgar Hugh DISEASES AND PARASITES OF POULTRY. Philadelphia, Lea & Febiger, 1943. 399 p. Third edition. 47 B232 Ed.3
- Card, Leslie Ellsworth FARM POULTRY PRODUCTION. Danville, Illinois, Interstate Printing Co., 1940. 238 p. Third edition. 47 C173 Ed.3
- Chapman, Paul Wilbor CHICKEN RAISING MADE EASY. New York, Macmillan, 1943. 152 p. 47 C362
- Cooper, James Bronaugh POULTRY FOR THE HOME AND MARKET. Atlanta, Ga., Smith, 1944. 481 p. 47 C782
- Heiman, Victor KASCO POULTRY GUIDE. Toledo, Ohio, Kasco Mills, Inc., 1943. 183 p. 47 K15
- Houser, Gustave Frederick FEEDING POULTRY. New York, John Wiley, 1946. 543 p. 47 H48F
- Hoffman, Edmund and Johnson, Hugh A. SUCCESSFUL BROILER GROWING. Mount Morris, Illinois, Watt Publishing Co., 1946. 186 p. 47 H674
- Hurd, Louis Merwin MODERN POULTRY FARMING. New York, Macmillan, 1944. 599 p. Second edition. 47 H93 Ed.2
- Jones, Roy Edwin A BASIC CHICKEN GUIDE FOR THE SMALL FLOCK OWNER. New York, Morrow, 1944. 191 p. Introduction by E. B. White. 47 J72
- Jull, Morley Allan SUCCESSFUL POULTRY MANAGEMENT. New York, McGraw-Hill, 1943. 467 p. 47 J94S
- Klein, Gay T. BACKYARD POULTRY KEEPING. Hanover, Pa., Everybody's Book Publishing Co., 1943. 144 p. 47 K672
- Knandel, Herman Clyde PROFITABLE POULTRY KEEPING. New York, Orange Judd, 1943. 462 p. 47 K72 1943
- Rice, James Edward PRACTICAL POULTRY MANAGEMENT. New York, John Wiley, 1940. 604 p. Fourth edition. 47 R362 Ed.4
- Marsden, Stanley J. TURKEY MANAGEMENT. Danville, Illinois, Interstate Press, 1944. 752 p. Second edition. 47.3 M35 Ed.2
The Fourth Edition published in 1946 is available through your Branch Library from the Main Library.
- Taylor, John Collins BACKYARD POULTRY KEEPING. New Brunswick, N. J., Rutgers University Press, 1943. 147 p. 47 T21
- Thompson, Willard Chandler THE HOME POULTRY FLOCK; A COMPLETE MANUAL. New York, Norton, 1943. 144 p. 47 T37H

ADDITIONAL BOOKS ON POULTRY AVAILABLE FROM THE MAIN LIBRARY

(Send requests to your Branch Library on Form AD-245)

- Biester, H. E. and DeVries, L., eds. DISEASES OF POULTRY. Ames, Iowa State College Press, 1943. 1005 p. 41 B475
- Charles, T. B. and Stuart, H. O. COMMERCIAL POULTRY FARMING. Danville, Ill., Interstate Press, 1946. 544 p. Fifth edition. 47 C382
- Dickinson, S. and Lewis, H. R. POULTRY ENTERPRISES. Chicago, Lippincott, 1946. 424 p. 47 D566
- Ewing, W. R. HANDBOOK OF POULTRY NUTRITION. South Pasadena, California, The author, 1943. 1245 p. Revised edition. 47 Ew5
- Hamilton, S. W. PROFITABLE TURKEY MANAGEMENT. Cayuga, N. Y., Beacon Milling Co., 1946. 104 p. Sixth edition. 47.3 H18
- Hartman, R. C. and Vickers, G. S. HATCHERY MANAGEMENT. Chicago, Lippincott, 1946. 404 p. Revised. 47 H25
- Jull, Morley Allan RAISING TURKEYS, DUCKS, GEESE, GAME BIRDS. New York, McGraw-Hill, 1947. 467 p. 47 J94R
- Kaupp, B. F. POULTRY SANITATION AND DISEASE CONTROL. Minneapolis, Kaupp and Surface, 1947. 490 p. Third edition. 41 K163P
- Klein, G. T. STARTING RIGHT WITH TURKEYS. New York, Macmillan, 1946. 129 p. 47.3 K37
- Levi, W. M. MAKING PIGEONS PAY; A MANUAL OF PRACTICAL INFORMATION ON THE MANAGEMENT, SELECTION, BREEDING, FEEDING, AND MARKETING OF PIGEONS. New York, Orange Judd, 1946. 263 p. 47.2 L57M
- Levi, W. M. THE PIGEON. Columbia, S. C., R. L. Bryan Co., 1945. 512 p. Second edition. 47.2 M31
- Lippincott, W. A. POULTRY PRODUCTION. Philadelphia, Lea & Febiger, 1946. Seventh edition. 47 L66
- Roberts, H. A. COMMERCIAL POULTRY RAISING. Philadelphia, McKay, 1920. 588 p. 47 R54
- New edition completely revised by C. S. Platt is being published in 1947.
- Winter, A. R. and Funk, E. M. POULTRY SCIENCE AND PRACTICE. Chicago, Lippincott, 1946. 736 p. Revised edition. 47 W732

*This list of books on poultry was compiled by request. Have you a subject for which you would like a reading list? If so, let us know.

THE NORTHEAST IN PRINT

- Carter, Roy M. FRONT-LINE DEVELOPMENTS IN WOOD TREATMENT RESEARCH. New Haven, Conn., 1947. In Northeastern Wood Utilization Council's Bulletin No. 18. pp. 5-23. Mr. Carter is with the Northeastern Forest Experiment Station, Philadelphia, Pa.
- Larson, Edwin H. BAD STUFF IN WRITING. Philadelphia, Pa., Northeastern Forest Experiment Station, 1946. 2 p.
- "Good stuff" says T. Swann Harding in USDA May 26-June 9, 1947.
- Monroe, Morgan FARM FORESTRY IS FUN. American Forests, June 1947.
- Story of farm woodlot management in Farmington, Conn. under guidance of A. W. Harford, Forest Farmer.
- Peterson, Lyall E. FOREST PRODUCTS FROM LATIN AMERICA. Journal of Forestry June 1947. pp. 423-427
- Schreiner, Ernst J. DO WE NEED A SHADE TREE SERVICE? American Forests July 1947. pp 296-298, 334. Dr. Schreiner is Chief, Tree Breeding and Regeneration Studies, Northeastern Forest Experiment Station

SELECTED BULLETINS AND PAMPHLETS ADDED TO YOUR LIBRARY

Anthracite Region - Hardwoods

- Burnham, C. F., Ferree, M. J. and Cunningham, F. E. THE NORTHERN HARDWOOD FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., Northeastern Forest Experiment Station, 1947. 31 p. Station Paper No. 1. March 1947
- Burnham, C. F., Ferree, M. J. and Cunningham, F. E. THE RED OAK-WHITE OAK FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., Northeastern Forest Experiment Station, 1947. 33 p. Station Paper No. 2. May 1947

Cooperatives - New England

- National Tax Equality Association. Research Department. COOPERATIVE COMPETITION IN NEW ENGLAND. Chicago, Illinois, 1946. 66 p. 280.2 N215C

Farm Houses

- General Electric Company. FARM WIRING GUIDE. Bridgeport, Conn., 1947. 52 p. 325 G28Fa
- Holt, Sherwood REPAIRING THE FARMHOUSE. Ithaca, N. Y., New York State College of Agriculture, 1946. 34 p. Cornell Miscellaneous Bulletin 1. 275.29 N48Cm
- U. S. Department of Agriculture YOUR FARMHOUSE CUT-OUTS TO HELP IN PLANNING. Washington, D. C., 1947. 47 p. Misc. Pub. 622 1 Ag84M
- U. S. Department of Agriculture YOUR FARMHOUSE..HOW TO PLAN REMODELING. Washington, D. C., 1947. 23 p. Misc. Pub. 619. 1 Ag84M

Fish

- Davison, Verne FARM FISHPONDS FOR FOOD AND GOOD LAND USE. Washington, D. C., 1947. 29 p. USDA Farmers' Bulletin 1983. 1 Ag84F
- Michigan Department of Conservation. FOR BETTER FISHING, by Fred A. Westerman and Albert S. Hazzard. Lansing, Mich., 1945. 14 p.

Frozen Food

- Erdman, Frederick S. BUILDING A HOME FREEZER. Ithaca, N. Y., New York State College of Agriculture, 1947. Cornell Extension Bulletin 705. 30 p. 275.29 N48
- Mann, L. B. and Wilkins, Paul C. FROZEN FOOD LOCKER PLANTS: Location, Capacity, Rates and Use, January 1, 1946. Washington, D. C., Farm Credit Administration, 1947. 41 p. Miscellaneous Report 105. 166.2 M68
- Warrington, S. T. and Wilkins, Paul C. FROZEN FOOD LOCKER PLANTS: Organization and Operation. Washington, D. C., Farm Credit Administration, 1946. 82 p. Circular C-127. 166.2 C49

Highways

- Levin, David R. PUBLIC CONTROL OF HIGHWAY ACCESS AND ROADSIDE DEVELOPMENT. Washington, D. C., Public Roads Administration, 1947. 154 p.
- Pennsylvania. Department of Highways. BIENNIAL REPORT OF THE DEPARTMENT OF HIGHWAYS, June 1, 1944 to May 31, 1946. Harrisburg, Pa., 1946. 83 p. 288.9 P38

Maine Agriculture

Jones, Maurice D. WHEN FATHER AND SON FARM TOGETHER. Orono, Maine Agricultural Extension Service, 1947. 24 p. Ext. Bulletin 354. 275.29 M28

New Hampshire Planning and Recreation

New Hampshire Forestry and Recreation Commission. THE WOODLAND OWNER'S SEASONAL GUIDE. Concord, N. H., 1946(?). 26 p. 99.61 N452

New Hampshire State Planning and Development Commission. SIXTH BIENNIAL REPORT, 1945-1946. Concord, N. H., 1947. 70 p. 280.7 N456

New York Business

New York State Department of Commerce. Albany, N. Y., 1946.

NEW YORK MEANS BUSINESS IN THE BINGHAMTON AREA; COUNTIES OF BROOME, CHEMUNG, OTSEGO AND DELAWARE. 24 p. 280.061 N489B

NEW YORK MEANS BUSINESS IN THE CAPITAL DISTRICT; COUNTIES OF WARREN, SARATOGA; SCHENECTADY, WASHINGTON, SCHOHARIE, ALBANY AND REMSEN. 28 p. 280.061 N489C

NEW YORK MEANS BUSINESS IN THE ELMIRA AREA; COUNTIES OF STEUBEN, SCHUYLER, TIOGA, TOMPKINS AND CHEMUNG. 23 p. 280.061 N489E

NEW YORK MEANS BUSINESS IN THE MOHAWK VALLEY AREA; COUNTIES OF ONEIDA, HERIKIMER, HAMILTON, FULTON, AND MONTGOMERY. 27 p. 280.061 N489M

NEW YORK MEANS BUSINESS IN THE SOUTHWEST GATEWAY; COUNTIES OF CHAUTAUQUA, CATTARAUGUS AND ALLEGANY. 23 p. 280.061 N489S

NEW YORK MEANS BUSINESS IN THE SYRACUSE AREA; COUNTIES OF OSWEGO, CAYUGA, ONONDAGA, CORTLAND AND MADISON. 28 p. 280.061 N489S

NEW YORK MEANS BUSINESS IN THE MID-HUDSON AREA; COUNTIES OF GREENE, COLUMBIA, ULSTER, ORANGE, SULLIVAN, DUTCHESS AND PUTNAM. 24 p.

Vermont Agriculture and Land Use

Carter, Robert M. THE PEOPLE AND THEIR USE OF LAND IN NINE VERMONT TOWNS.

Burlington, Vt., Vermont Agricultural Experiment Station, 1947. 72 p. Bulletin 536. 100 V59

Kelly, Joseph B. SHEET EROSION ON TWO VERMONT SOIL TYPES. Burlington, Vt., Vermont Agricultural Experiment Station, 1947. 11 p. Bulletin 538. 100 V59

CONGRATULATIONS TO A DOZEN PERIODICAL READERS

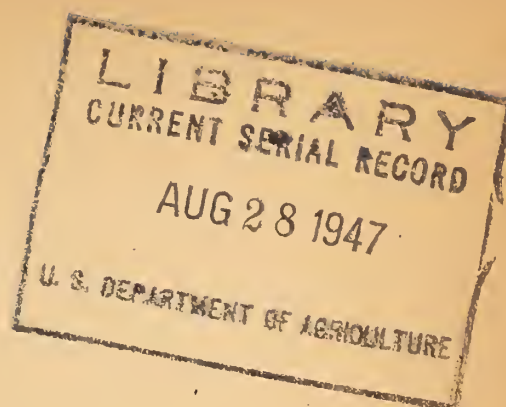
Twelve SCS field men share the Journal of the American Society of Agronomy on one of our routing circuits. An enterprising reader at the end of the list computed the reading time on two issues which left here in April and returned in July as $4\frac{1}{2}$ days (working) on one and $3\frac{1}{3}$ for the other. Others merit congratulations too, no doubt.

THE CROSS TIE BULLETIN

We now have available for circulation The Cross Tie Bulletin, the official publication of the Railway Tie Association, St. Louis, Mo. It is issued monthly. The association exists "chiefly for the education of its members and others....in the preservation of forests and forest products...; in proper methods and practices in preventing forest fires; in planting trees and reforestation; in collecting and disseminating statistics concerning cross ties and standardizing cross ties."

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L I B R A R Y N E W S

Vol. 7, No. 8

August 1947

"A library is not the distasteful and boring place that many young men seem to think; it is an important depository or storehouse of knowledge, especially on technical subjects. In one sense, it is a rich mine awaiting a skillful prospector."

Philip B. McDonald, College of Engineering, New York University
in Personality and English in Technical Personnel, p. 65.

A FEW NEW BOOKS RECENTLY ADDED TO YOUR LIBRARY

Bennett, Hugh Hammond ELEMENTS OF SOIL CONSERVATION. New York, McGraw-Hill, 1947. 406 p. 56.7 B43F

"Authoritative and basic." The Land, Spring 1947.

"The material is presented in an interesting and attractive form. It is easy to read. The illustrations are excellent." Soil Science, May 1947.

"Should be required reading in every school in the land."

Patrick J. McKenna, Country Book, July-August-September 1947.

See also review by Firman Boar in Soil Conservation, April 1947.

Cumberland, Kenneth B. SOIL EROSION IN NEW ZEALAND: A GEOGRAPHIC RECONNAISSANCE. Christchurch, N. Z., Whitcombe and Tombs, 1947. 228 p.
2d ed. 56.7 C91 Ed. 2.

"This is probably the best survey report ever published on the land situation of any country. It is very little known and until 1945 there were probably no more than three copies in this country."

Dr. W. R. Van Dersal, Journal of Soil and Water Conservation, April 1947.

Ezekiel, Mordecai, ed. TOWARDS WORLD PROSPERITY. Through Industrial and Agricultural Development and Expansion. New York, Harper, 1947. 455 p.
280 Ez3

"Twenty-one experts contribute to the study of the conditions and prospects for industry and agriculture in individual countries, treating problems of reconstruction as well as new development. The surveys analyze every important economic area from Central and South America to Western Europe, Russia, the Middle East, Africa, China, India and Australia." Jacket

Great Britain. Forestry Commission. FORESTRY PRACTICE. London, H. M. Stationery Office, 1946. Revised. 91 p. (Bulletin no. 14.) 99.9 G795

- Weir, Wilbert Walter PRODUCTIVE SOILS. Edited by R. W. Gregory. Philadelphia, J. B. Lippincott, 1946. Ed. 5. 325 p. 56.7 W43 Ed. 5
- Weld, Walter E. HOW TO CHART; FACTS FROM FIGURES WITH GRAPHS. Norwood, Mass., Codex Book Company, Inc., 1947. 218 p. 325 W452
- Wyman, Donald THE ARBORETUMS AND BOTANIC GARDENS OF NORTH AMERICA. Waltham, Mass., Chronica Botanica, 1947. Chronica Botanica v. 10, no. 5/6, Summer 1947. pp. 395-497 450 C46
- Arranged by states. Gives address, size, exact location, name of director, functions, brief descriptions, publications, and references to descriptive articles about each. Contains attractive portfolio of prints and photos of botanic gardens old and modern, American and foreign.

SOIL AND STEEL*

By P. Alston Waring and Clinton S. Golden

Comment by Philip W. Dimon, Solicitor's Office, Philadelphia, Pa.

Farmers and industrial workers together, with their families constitute 85 percent of our population. Conflict between these two groups is as futile as a war between the sexes. Each needs the other, and the prosperity of each group is dependent upon the prosperity of the other. Yet there exists an unfortunate lack of sympathy and understanding between them, partly as the result of historical causes, and partly from wedges that have been driven deliberately by certain interests.

This book deserves to be widely read. While it does not purport to be a source-book, it contains a great many important facts that have not received wide publicity. The authors are a farmer and a skilled laborer, both with a great deal of experience in their farm and labor organizations.

The remedies that the authors suggest will not appeal to totalitarians, either of the left or right, nor will they appeal to those who believe in unbridled competition. Cooperation, not as a visionary philosophical concept, but as a practical technique of action, is possible and, in the well-considered view of these authors, is well on the way. Some of the farm and labor leaders are not abreast with their groups, some actually mislead their groups, but there are leaders with imagination and foresight.

Cooperation is certainly preferable to conflict. If we follow the right leadership and utilize the techniques for cooperation, each of us may, in a small way, contribute to a future prosperity with greater security and better living for the people on the farms and in the cities alike.

*Waring, P. Alston and Golden, Clinton S. SOIL AND STEEL; EXPLORING THE COMMON INTERESTS OF FARMERS AND WAGE EARNERS. New York, Harper, 1947.
240 p. 281.12 W23

HOW TO USE YOUR LIBRARY

See the September 1946 issue of the Philadelphia Branch Library Newsletter for WHAT EVERY USDA EMPLOYEE IN THE NORTHEAST REGION SHOULD KNOW ABOUT HIS LIBRARY
Ask us to send you a copy if you do not have one at hand.

CLIPPINGS FROM CURRENT REVIEWS

Edminster, Frank C. THE RUFFED GROUSE, ITS LIFE STORY, ECOLOGY AND MANAGEMENT. New York, Macmillan, 1947. 385 p. 413 Ed5
"His writing is crisp and readable. All but the most technical parts may be read as a story, and the most scientific chapters show a clarity of thought that makes their reading a pleasure." Journal of Soil and Water Conservation, July 1947

See also review in Journal of Forestry, July 1947.

Forster, Garnet Wolsey FARM ORGANIZATION AND MANAGEMENT. Revised. New York, Prentice-Hall, inc., 1946. 490 p. 281.12 F77 1946
See review Rural Sociology June 1947, p. 199.

Harris, Seymour Edwin INFLATION AND THE AMERICAN ECONOMY. New York, McGraw-Hill, 1945. 559 p. 284.3 H241

"An extremely useful compendium of economic data that have been affected by, or have helped to account for the inflation. He is justified in claiming that his 154 tables and 116 charts constitute perhaps the most comprehensive history of our war economy."

American Economic Review, June 1947.

Howard, Sir Albert SOIL AND HEALTH, A STUDY OF ORGANIC AGRICULTURE. New York, Devin-Adair, 1947. 307 p. 56.6 H838

"This is an important book by a man who has few peers in agriculture...It is to some extent a controversial book and as such an important sign of the renewed, living and growing interest in agriculture...The material of the book is woven into the texture of the author's own life...No one interested in agriculture, in gardening, in medicine, in economics should be without it." Louis Bromfield in The Land, Spring 1947.

Jack, Walter Thomas THE FURROW AND US. Philadelphia, Dorrance, 1946. 158 p. 56.7 J122

"It is too early to tell how qualified scientists will evaluate this work. My guess is that most of them will be impressed by the author's grasp of the underlying principles involved in keeping a soil permanently productive. Perhaps some will disagree with some of his conclusions but most... I believe, will heartily agree that here is a working farmer who senses the full significance of the soil and what it means to all of us." Glenn K. Rule, Soil Conservation May 1947.

Johnson, Sherman E. MANAGING A FARM. New York, Van Nostrand, 1946. 365 p. 281.12 J62

"However large or small the farming operation, this book will pay for itself many times over in the saving of time, improvement of procedures, and in the simplification of farm operations."

Chemurgic Digest, September 15, 1946.

"The book can be read by the beginning farmer with profit, either for its information on particular farm management problems or for its descriptive and illustrative material on agriculture in the different parts of the United States. Anyone wanting practical information on managing a farm will find this the most generally useful publication of its kind."

Journal of Farm Economics, May 1947.

Koroleff, Alexander Michael PRACTICAL WOODLOT MANAGEMENT; HOW TO USE THE FOREST SOUNDLY AND PROFITABLY. Illustrated by Rene Kulbach. Montreal, The Author, 1946. 60 p. 99.62 K84

"This little book is the best published to date for the small woodland owner, and it might be read and digested with profit by managers of large

companies. It covers both the theoretical and practical aspects of forest management thoroughly and in simple language. The illustrations are excellent. They make the text much more interesting and understandable, and they bring home points which need to be stressed far more vividly than plain written matter could...The extension forester will find it useful." Forestry Chronicle, March 1947.

Lindstrom, David Edgar RURAL LIFE AND THE CHURCH. Champaign, Illinois, Garrard, 1946. 205 p. 281.2 L642C 1946

"A social science contribution which is appreciated by both Protestant and Catholic rural church leaders alike." Rural Sociology, March 1947.

Lord, Russell THE WALLACES OF IOWA. Boston, Houghton Mifflin, 1947. 615 p. 120 W155W

"Around the story of the three lives, the author...has written a history of American agriculture during the last hundred years. An objective and admirably correlated book." New York Times Book Review, April 5, 1947.

Macy, Icie Gertrude HIDDEN HUNGER. Lancaster, Pa., Cattell, 1945. 389.1 M252

"This book is designed for general reading but contains food for thought on the part of all scientists who are connected with one or another of the many problems involved in human nutrition." Soil Science, May 1947.

Ogden, Jean SMALL COMMUNITIES IN ACTION; STORIES OF CITIZEN PROGRAMS. New York, Harper, 1946. 244 p. 281.2 Og22

"Written primarily for people undertaking action programs, the material is presented in an attractively simple style...gives the steps by which communities get themselves organized within our democratic program. The theme of people doing things for themselves runs throughout the book...(It) is helpful to action agencies, public and private in that it provides a framework and examples for action. It is of interest to the academic social scientist for the method used and for the clear simple style of presentation."

Rural Sociology, June 1947

Ronsburg, C. J. J. NEW WORLDS TO WIN. Bloemfontein, South Africa, A. C. White P. & P. Co., 1946. 201 p. 56.7 R29

"An African classic...It was written...primarily for school children, and it will unquestionably serve its purpose. But its appeal will be far greater, because its simple effectiveness will attract anyone from eight to eighty...This is the first book of its kind from the southern hemisphere." William R. Van Dersal, The Land, Winter, 1946-1947

Shepherd, Geoffrey S. MARKETING FARM PRODUCTS. Ames, Iowa State College Press, 1946. 445 p. 280.3 Sh4M

"Out of his wealth of experience...Professor Shepherd has written an interesting and informative book...a collection of essays on various angles of marketing and what Shepherd finds to be wrong with present organization and procedure." Journal of Farm Economics, November 1946.

Sherman, Henry Clapp FOODS; THEIR VALUES AND MANAGEMENT. New York, Columbia University Press, 1946. 221 p. 389.1 Sh5Foc

"This book is largely non-technical and clearly written in a style acceptable to scientist and layman alike. It is for everyone who must everyday decide what to eat." Chemical and Engineering News, Feb. 24, 1947.

Talbot, Thomas Jesse GENERAL HORTICULTURE; PRINCIPLES AND PRACTICES OF ORCHARD SMALL FRUIT, AND GARDEN CULTURE. Philadelphia, Pa., Lea & Febiger, 1946. 452 p. \$3 T14G

"The author presents scientific subject matter in a practical manner, making it a valuable reference book and guide." Pert. Rev., Oct.-Dec. 1946.

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LIBRARY NEWS LETTER

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LIBRARY NEWS

Vol. 7, No. 9.

September 1947.

"No more persistent threat to both freedom and security exists than that which grows out of exhaustion of essential resources."

Hardy L. Shirley, Journal of Forestry, September 1947.

NEW BOOKS ADDED TO YOUR LIBRARY

Adams, Frank, Ewing, Paul A., and Huberty, Martin R. HYDROLOGIC ASPECTS OF BURNING BRUSH AND WOODLAND-GRASS RANGES IN CALIFORNIA. Sacramento, California, California State Board of Forestry, 1947. 84 p.

Cramer, Harald MATHEMATICAL METHODS OF STATISTICS. Princeton, N. J., Princeton University Press, 1946. 575 p. (Princeton Mathematical Series No. 9.) 251 C84

"The organization of the material is a magnificently successful job and is one of the reasons why this book will be for some time to come, in this writer's judgment, the outstanding expository treatise on the subject."

B. D. Mudgett, Annals, American Academy of Political and Social Science 249:203, January 1947.

Dewhurst, James Frederic, ed.: AMERICA'S NEEDS AND RESOURCES; a Twentieth Century Fund survey which includes estimates for 1950 and 1960.

New York, The Twentieth Century Fund, 1947. 812 p. 280.12 D512

One of the most talked of books of the year.

"Dr. Dewhurst and his associates have carried through an ambitious project in this survey; they have taken the measure, so to speak, of our entire economy in all its many fields. Their approach has been dynamic. They have taken, not a static, single measurement as of a certain year, but a series of them to give a moving picture of accomplishments and probabilities." Foreword.

Section 19, Rural and Regional Development, includes Conservation and Development of Crop and Grazing Lands; Forest Conservation and Recreational Development; and River Valley Development. Section 24, Agricultural Capacity, includes Domestic Requirements for Agricultural Products; Physical Requirements for Expanded Production, and Human Resources for Expanded Agricultural Capacity.

Fryer, Lee THE AMERICAN FARMER; HIS PROBLEMS AND HIS PROSPECTS. New York, Harper, 1947. 172 p. 281.12 F94

"The story of declining opportunity and mounting difficulties which threaten to eliminate the small farmer...from our economy..what that transforma-

tion will mean in the growth of already over-populated cities and the gradual impoverishment of the land...(and) finally a long-range charter by which rural life in the United States may be reconstructed." Jacket

From 1936-1946 the author worked with the Farm Security Administration.
Goldschmidt, Walter R. AS YOU SOW. New York, Harcourt, 1947. 288 p.
281.010 G57

"In a detailed study of three California communities, Mr. Goldschmidt describes the daily life of a rural population as it is affected by modern economic forces. I am convinced that this book will prove to be one of the most important socio-economic studies published in 1947, for it deals with one of the major-if one of the most sadly neglected-problems of our time. It is an invaluable piece of work, well-organized, skilfully written, and documented with scientific precision. It would be a great mistake to regard this book as bearing only on the California scene, for its implications are nation-wide." Carey McWilliams

Hoslett, Schuyler Dean, ed. HUMAN FACTORS IN MANAGEMENT. New York, Harper, 1946. 322 p. 249.2 H27

Partial contents: Part I. The Executive. (A. Nature and conditions of leadership. B. Training leaders in human relations.)

Part II. The Worker and the Organization. (A. Studies in human relations. B. Facilitating adjustment through counseling method.)

Part III. Critiques. (Includes the psychology of participation, special emphasis on the intangibles of human relations, etc.)

Joint Committee on Forestry of the National Research Council and the Society of American Foresters. PROBLEMS AND PROGRESS OF FORESTRY IN THE UNITED STATES. Washington, D. C., 1947. 112 p. 99.61:J66

"This is more than a report on the state of our forests. It is a plan of action and a blueprint of a forest policy for the nation. In this report the leaders of the profession spelled out clearly and authoritatively for all to read and ponder what the forest problems are and what are the measures needed to meet them in the postwar period."

Raphael Zon, Scientific Monthly, July 1947.

Mather, Kenneth STATISTICAL ANALYSIS IN BIOLOGY. New York, Interscience, 1947. 2d ed. 267 p. 251 M42 Ed. 2.

Pryor, William Clayton THE LAZY GARDENER. New York, Longmans, 1947. 221 p. 97 P95

"A beguiling sort of gardening book, but misleading if one really thinks it will chart the way to lazy gardening...the ardent gardener may find short cuts...but will use the time only to do something else to make the garden bigger and better."

Kirkus Book Shop Service Bulletin, February 15, 1947.

"All the new gardening tricks, some so new that the reader finds many a lode of unexpected nuggets. Besides various planting charts for flowers and vegetables he suggests shrubs and vines to provide both food and nesting material for birds. Most valuable of all are plants to prevent erosion"

New York Herald Tribune Weekly Book Review, April 20, 1947.

Shantz, H. L. THE USE OF FIRE AS A TOOL IN THE MANAGEMENT OF BRUSH RANGES IN CALIFORNIA. Sacramento, California, California State Board of Forestry, 1947. 156 p. Literature cited pp. 129-156.

Sinai, Nathan and others. HEALTH INSURANCE IN THE UNITED STATES. New York, Commonwealth Fund, 1946. 115 p. 284.6 S162

"The development of movements for both voluntary and compulsory types of health insurance during the past 35 years; the attitudes of various pro-

fessional, governmental and industrial groups, and the recent expansion of voluntary hospital and medical plans are carefully considered and clearly presented." Technical Book Review Index, June 1947.

"The reader will be attracted by the style, lucidity and brevity."

American Journal of Nursing, April 1947.

Smith, Thomas Lynn THE SOCIOLOGY OF RURAL LIFE. New York, Harper, 1947.

635 p. 281.2 Sm6 1947 Rev. ed.

A classic in its field.

FOR REFERENCE

Rand, McNally and Company. COMMERCIAL ATLAS AND MARKETING GUIDE, 1947.
New York, Rand McNally, 1947. 78th ed. 564 p.

THE FURROW AND US*

By Walter Thomas Jack

Comment by Hal Jenkins, Chief, Regional Information Division
Soil Conservation Service, Upper Darby, Pennsylvania

This is a thoughtful, readable treatise by an intelligent, observant dirt farmer who has spent a lifetime living with and studying the soil. Mr. Jack covers almost the whole field of soil and man, briefly but effectively, in this small book of 158 pages. It might, in fact, be described as a condensed or miniature USDA Yearbook. It combines the scientific with the practical. Although agricultural scientists might not agree with all of his conclusions, Mr. Jack presents self-collected data in support of his ideas.

Here, obviously, is a man who has a deep love for the land. That is apparent in every page. Equally obvious, this practical farmer not only knows what he wants to say, but how to say it. All in all, Mr. Jack is a refreshing voice from the country whose first book makes for good reading.

*Jack, Walter Thomas THE FURROW AND US. Philadelphia, Lorrance and Co., 1946.
158 p. 56.7 J122

THE NORTHEAST IN PRINT

Baur, Arnold J. TECHNICAL STANDARDS AND TECHNICAL GUIDES IN SOIL CONSERVATION WORK. Journal of Wildlife Management, July 1947, pp. 153-155.

Dr. Baur is State Soil Scientist, Soil Conservation Service, Cornell University, Ithaca, New York.

Carter, Roy M. TRENDS AND PROBLEMS OF THE WOOD TURNING INDUSTRY IN THE NORTH-EAST. Wood Working Digest, June 1947, pp 67-76.

Mr. Carter of the Northeastern Forest Experiment Station presented this paper at the 6th Vermont Wood Products Conference at Northfield, Vermont.

McClintock, Thomas F. SILVICULTURAL PRACTICES FOR CONTROL OF SPRUCE BUDWORM. Journal of Forestry, September 1947, pp. 655-658.

Mr. McClintock, silviculturist, Northeastern Forest Experiment Station, Bangor, Maine, presented this paper at the winter meeting of the New England Section, SAF, Boston, Mass., February 13, 1947.

May, Richard M. Review of Illustrated Encyclopedia of American Birds by Leon Augustus Hausman, (Revised 1947). Journal of Forestry, September 1947

Mr. May is zone conservationist with the Soil Conservation Service, Upper Darby, Pa.

Shirley, Hardy L. COLLEGE ENROLLMENT AND FUTURE OPPORTUNITIES FOR FORESTERS;
THE NATIONAL SITUATION. Journal of Forestry, August 1947, pp. 575-579.
Dr. Shirley, formerly director of the Allegheny Forest Experiment Station,
is now assistant dean, New York State College of Forestry.

FOREST SOILS*

By Harold A. Lutz, Professor of Forestry, Yale University
and Robert F. Chandler, Professor of Forest Soils, Cornell University
Comment by G. R. Trimble, Northeastern Forest Experiment Station,
Philadelphia, Pennsylvania

This is probably one of the most valuable books recently written on any phase of forestry. "Forest Soils" should be carefully read by every forester and then kept at hand as a reference book. It deals with a subject of vital importance to all branches of the profession; a subject about which foresters in general are poorly informed.

After a brief, but adequate, introduction the book treats in order, soil forming minerals and rocks and the process of their decomposition. While this material is basic to any soils study and can be found in other standard texts on soils and geology, Lutz and Chandler have done a better than average job on details and with examples. Nevertheless, these three chapters are tedious reading.

Chapter 5 on "Forest-Soil Organisms" and Chapter 6 on the "Organic Matter of Forest Soils" bring together in well organized form a tremendous amount of material of especial interest to foresters and ecologists. These two subjects are "new" in that much data are still disputed and much remains to be learned. The authors are to be congratulated on their clear presentation of these subjects; a difficult task considering the indeterminate nature of much of the available material.

Chapter 7 -- "The Nature and Properties of Soil Colloids" is one of the more difficult parts of the book. The material deals largely with the mineral soil itself and makes a valuable contribution to the general field of soil science. Of especial interest to foresters is a brief discussion of the colloidal properties of humus.

Chapters 8 and 9, respectively, "General Physical Properties of Forest Soils," and "The Water Relations of Soils, Particularly Forest Soils" are, in my opinion the outstanding chapters of the book. By their skillful handling they avoid dogmatic presentation of factual data and yet establish important principles. In these chapters they answer questions on the physical relationships of soils and water to forests which are basic to an understanding of forest influences. A discussion of the latest techniques of measuring soil-moisture relationships (with numerous references) makes a practical contribution to soils research.

In Chapter 10 - "General Chemical Properties of Forest Soils" the material covered is largely an expansion of the authors' statement: "soil chemistry has an important bearing on the genesis of soils and on their physical and biological properties." The authors do a good job of showing the effects of the inter-related chemical and physical characteristics of the soil on forest growth. They emphasize the impossibility of completely separating the chemical from the physical

properties of the soil.

Chapter 11 - "Soil Formation" describes in general the various factors influencing soil formation such as climate, parent material, relief and vegetation. It treats in detail the influence of forests on soil development. This is an easily read, interesting section of the text. The illustrations are unusually good.

Chapter 12 on the "Classification of Forest Soils" gives a history of forest soil classifications and the reasons for the various terms and classification methods used. Included is a discussion of site quality.

In Chapter 13 - "Soil Erosion and Forest-Soil Deterioration" the authors discuss the various types of erosion and their causes, with particular reference to forest soils. In addition to a discussion of the use of vegetation in erosion control they describe various structures and their place in an erosion control program. They include two valuable subsections: (1) "Soil Deterioration Resulting From Pure Standards," and (2) "Soil Deterioration Resulting from Clear Cutting." These two pertinent discussions make a fitting ending for the book.

In summation, I think that this is an outstanding book for the following reasons:

1. The authors have written a comprehensive, much needed text in a field still new. The scope of the work was wisely established and the material organized and integrated in a scholarly and logical manner.
2. As a result of their own wide experience and knowledge of their subject and an exhaustive study of the literature (much of it foreign) the authors have produced an unusually thorough, sound treatise.
3. Through citations of original sources of material and through excellent reference lists "Forest Soils" combines in one book the most important reference sources for the whole field of forest soils. This may well be its most important contribution.
4. In recognizing the great differences between forest soils and agricultural soils, the authors have performed a service to research. It seems to me that failure to recognize these differences has, in America, resulted in much confusion and loss of time in developing a body of facts relating to forest soils. Foresters as a whole, have, in the past, been ill-equipped to perform soils research and generally have been indifferent to all except the most obvious soil conditions and relationships. Most research on soils has been done by agriculturists who have developed excellent methods and a great body of data relative to agricultural soils. In general, however, the research methods and the relationships developed on agricultural soils where tillage, annual crop removal, fertilization, and erosion create an artificial environment are not readily applicable to the more or less virgin soils of the forest. Here the soil horizons, the activity of fauna and flora, the present condition and the past history of stand treatment are of major importance. Throughout their book Lutz and Chandler establish unquestionably the importance of recognizing these differences.

A FEW BULLETINS RECENTLY ADDED TO YOUR LIBRARY

Christmas Trees

Cope, J. A. CHRISTMAS TREE FARMING. Ithaca, New York, N. Y. State College of Agriculture, 1946. 32 p. (Cornell Ext. Bulletin 704.) 275.29 N48E

Conservation

Fales, D. B. CONSERVE OUR SOIL, FOREST, AND WILDLIFE. Ithaca, New York, N. Y. State College of Agriculture, 1946. 51 p. (Cornell 4-H Club Bulletin 77.) 275.29 N48

Farm Equipment and Houses

Foss, Edward W. KILOWATTS, MOTORS, AND FARM ELECTRIC JOBS. Orono, Maine, Maine Extension Service, 1947. 40 p. (Extension Bulletin 351) 275.2 M28
Johns-Manville Corporation THE FARM IDEA BOOK. New York, 1942. 63 p.
"This is a book about farm buildings and farm homes."

Fruit Growing

Secor, Wilber, Carleton, E. A., and Lamb, John PHYSICAL LAND CONDITIONS OF THE FRUIT BREEDING FARM AT THE NEW YORK STATE EXPERIMENT STATION, GENEVA, NEW YORK. Geneva, N. Y., N. Y. State Agricultural Experiment Station, 1947. 29 p. (Technical Bulletin No. 279.) 100 N48

Slate, G. L., Braun, A. J. and Mendonger, F. G. RASPBERRY GROWING, CULTURE, DISEASES AND INSECTS. Ithaca, New York, N. Y. State College of Agriculture, 1947. 67 p. (Cornell Extension Bulletin 719.) 275.29 N48E

Health

Mountin, Joseph W. and Flook, Evelyn GUIDE TO HEALTH ORGANIZATION IN THE UNITED STATES. Washington, D. C., 1947. 71 p. (U. S. Public Health Service Misc. Publication 35.) 151.65

Timber Resources

Harper, V. L. TIMBER RESOURCES OF NEW ENGLAND AND NEW YORK WITH REFERENCE TO PULPWOOD SUPPLIES. Philadelphia, Pa., Northeastern Forest Experiment Station, 1947. 8 p. (Station Paper No. 5.)

U. S. Department of Commerce. Office of Domestic Commerce. Area Development Division. INDUSTRIAL USES OF SELECTED TIMBER SPECIES. Guide List of Industrial Uses of Various Timber Species and Forest Waste Material. Washington, D. C., 1947. 25 p. Bibliography. (Industrial Series 69.) 157.54 In24

Rural Lands

U. S. Bureau of Agricultural Economics. FEDERAL RURAL LANDS. Washington. D. C., 1947. 75 p.

Science

Steelman, John R. SCIENCE AND PUBLIC POLICY. Volume 1. A Program for the Nation. A Report to the President. Washington, D. C., The President's Scientific Research Board, 1947. 73 p.

Soil Analysis

Peech, Michael and others. METHODS OF SOIL ANALYSIS FOR SOIL-FERTILITY INVESTIGATIONS. Washington, D. C., 1947. 25 p. (U.S.D.A. Circular 757.) 1 Ag84C

U. S. Bureau of Labor Statistics. LABOR UNIONISM IN AMERICAN AGRICULTURE.
Washington, D. C., Gov't Printing Office, 1945. 457 p.
Bulletin No. 836. 158.6 B87

"Here is a book that everyone who pretends to be familiar with rural socio-economic conditions should read. It is the result of careful research and is well documented. Although the book is a factual report its author sees the facts...in their relationship to one another and presents them in a readable and interesting manner."

Rural Sociology, March 1947.

Waring, P. Alston and Golden, Clinton S. SOIL AND STEEL; EXPLORING THE COMMON INTERESTS OF FARMERS AND WAGE EARNERS. New York, Harper, 1947. 240 p.
231.12 W23

"The authors are exceptionally qualified to represent the groups for which they speak - by character, experience, speculative frame of mind, and status in the working world. That they happen to live within two miles of each other is a happy circumstance for otherwise a book that bears the marks of close collaboration might not have been possible for two such busy men." Survey Graphic, May 1947.

"They know what they want to say, and they say it well-often sharply but never angrily." Hal Jenkins, Journal of Soil and Water Conservation, July 1947.

See also review by Paul Maris in Rural Sociology, June 1947 and by Philip Dimon on page 2 of this newsletter.

Weber, Julia MY COUNTRY SCHOOL DIARY; AN ADVENTURE IN CREATIVE TEACHING.
New York, Harper, 1946. 270 p. 275 W38 Ed. 2.

"All who are interested in teaching conservation should read this teacher's diary. The word "conservation" is seldom used, but after all that word is only a label. When you teach your fellow men to live happily and usefully in an environment that is conservation."

Ollie Fink, The Land, Spring 1947.

Yocum, Lawson Edwin PLANT GROWTH. Lancaster, Pa., Cattell, 1945. 203 p.
463 Y7

"Designed for those folks who like to grow plants and want to know more about their nature and requirements." Soil Science May 1947

PERIODICALS CURRENTLY RECEIVED

The following have been added since our April 1947 list was prepared and are now available for circulation to you on request:

- Cranberry world. m. Published by the American Cranberry Exchange, 90 West Broadway, New York 7, N. Y. "The Cranberry Growers Cooperative"
- Cross tie bulletin. m. Published by the Railway Tie Association, St. Louis, Missouri. See note on p. 6, Library News, July 1947.
- Rural family living. q. Published by the Bureau of Human Nutrition and Home Economics, U. S. Department of Agriculture. Information for Home Demonstration Agents, Extension Service and Home Management Supervisors, Farmers Home Administration.

Ask us for the complete list of periodicals currently received and circulated by this Branch Library if you do not now have at hand a copy of the April 1947 newsletter.

A FEW PAMPHLETS AND REPORTS RECENTLY RECEIVED IN YOUR BRANCH LIBRARY

Cooperatives

- Anderson, W. A. FARM WOMEN AND THE SERVICES OF A FARMERS' COOPERATIVE. A study of the relationship of farm women to the Cooperative Grange League Federation Exchange, Incorporated, or GLE. Ithaca, N. Y., Cornell Univ. Agricultural Expt. Station, 1945. 34 p. Mimeog. bull. 17. 100 N48Cm
- Wanstall, Grace STATISTICS OF FARMERS' MARKETING AND PURCHASING COOPERATIVES 1944-1945. Washington, D. C., Farm Credit Administration, 1947. 48 p. Miscellaneous report 108. 166.3 M68
- Wilkins, Paul C. and Mann, L. B. FROZEN FOOD LOCKER COOPERATIVES IN ILLINOIS 1946. Washington, D. C., Farm Credit Administration, 1947. 37 p. Miscellaneous report 109. 166.3 M68

Migrant Labor

- U. S. Department of Labor. MIGRANT LABOR...A HUMAN PROBLEM. Report and recommendations, Federal Interagency Committee on Migrant Labor. Washington, D. C., 1947. 58 p.

Planning and Zoning

- New York. Department of Commerce. Bureau of Planning. LOCAL PLANNING AND ZONING: A Manual of Powers and Procedures for Citizens and Government Officials. Albany, N. Y., 1946. 67 p. 280.7 M48

Runoff and Soil Conservation

- Hobbs, Harold W. RATES OF RUNOFF IN THE COASTAL PLAINS OF NEW JERSEY, DELAWARE, AND MARYLAND. Washington, D. C., U. S. Soil Conservation Service, 1946. 60 p. SCS-TP-60. 1.96 Ad6Tp
- O'Brien, Philip; Gaston, Thomas L. and Dale, Tom. LAND USE REGULATION IN SOIL CONSERVATION DISTRICTS. Washington, U. S. Soil Conservation Service, 1947. 28 p. SCS-MP-29. 1.96 Ad6Mp

State Reports

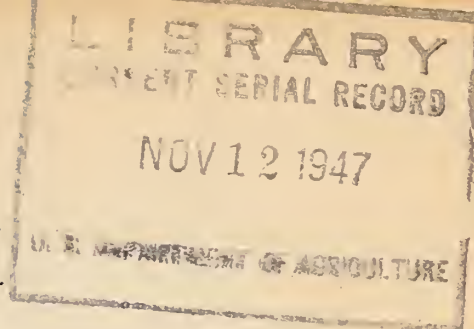
- New Hampshire. Forestry and Recreation Commission. BIENNIAL REPORT, 1945-1946. Concord, N. H., 1947. 32 p. 99.9 N456
- New Hampshire. State Planning and Development Commission. THE REPORT OF THE NEW HAMPSHIRE CONSTRUCTION SURVEY, by William A. Carter. Concord, N.H., 1946. 12 p. 280.7 N453
- New York. Conservation Department. THIRTY-FOURTH-THIRTY-FIFTH ANNUAL REPORT for years 1944-1945. Albany, N. Y., 1946., 322 p. 279.9 N48A
- New York. Department of Agriculture and Markets. ANNUAL REPORT, January 1, 1945 to March 31, 1946. Albany, N. Y., 1947. 188 p. 2 N48A
- Pennsylvania. Game Commission. BIENNIAL REPORT, 1945-1946. Harrisburg, Pa., 1947 (?). 80 p. 412.9 P38
- Vermont. Department of Agriculture. TWENTY-THIRD BIENNIAL REPORT, 1945-1946. Montpelier, Vt., 1946 (?). 126 p. 2 V593

Statistics

- U. S. Department of Commerce. NATIONAL INCOME AND PRODUCT STATISTICS OF THE UNITED STATES 1929-1946. Washington, D. C., 1947. 54 p. (Supplement to Survey of Current Business, July 1947.) 157.7 C76D

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LIBRARY NEWSLETTER

Vol. 7, No. 10.

October 1947

PERIODICAL ROUTING SERVICE

"Thomas Edison used to say that...technical workers did not read widely enough for their own good. He himself read dozens of serious periodicals from all over the world, whereas the average technician probably reads only one or two periodicals regularly, aside from the ephemeral dailies and light weeklies that most people glance at."

Philip B. McDonald's Personality and English in Technical Personnel, p. 44.

A QUIZ FOR YOU

1. How many "serious periodicals" related to your professional work do you read?
2. Do you read enough in broader fields to give you flexibility, tolerance, understanding of the place of your job and yourself in the stream of modern life, and, incidentally, to "fit yourself for the better jobs"?
(See McDonald's chapter on "Cultural Reading for Technicians", pp. 247-260)
3. Have you chosen wisely a "balanced diet" - reading that can make you a more skillful workman on your job and a more capable and understanding participant in the larger job we are all doing together?
4. Do you supplement the periodicals to which you yourself subscribe by using the PERIODICAL ROUTING SERVICE of your Branch Library?
5. Have you checked this year the list of 250 periodicals currently received for your use in the Philadelphia Branch Library? It was attached to the April 1947 issue of your Library Newsletter. See also Supplement on p. 5 of this issue.
6. Have you, by card, note, phone or personal call put your name on the Library's routing list for the periodicals you want to see?
7. Have you weeded out your list recently so that you read enough and not too much; so that your desk is not so flooded that most of it goes unread?
8. Knowing that an average of 18 or 20 are using each periodical routed from the Library, are you satisfied when some issues reach you two and three months after date of issue?

9. Do you - and your secretary - try to give the man at the end of the list a break? By the way, he is NOT the one at the end of your routing slip. Equally long lists for one, or two or three other agencies, or for your own regional or field offices are often lined up to follow your circuit.
10. How about jotting down in your personal notebook another quotation from Philip McDonald's book*: "Employers have found that, other things being equal, a well-read and thoughtful person is more likely to become a valuable and trusted official than a person whose mind has closed for a long vacation." (p. 261.)

*McDonald, Philip B. PERSONALITY AND ENGLISH IN TECHNICAL PERSONNEL. New York, Van Nostrand, 1946. 424 p. 249.3 M14

RECENT ADDITIONS TO YOUR BRANCH LIBRARY

- Black, J. D., Clawson, Marion, and Sayre, C. R., and Wilcox, W. W. FARM MANAGEMENT. New York, The Macmillan Co., 1947. 1073 p. 281.12 B56F
 "One of the most practical treatises on farm management to appear in recent years. The reader is not encumbered by a large volume of hard-to-understand statistics, but he is aided in his reading by an easy style of writing, his agreement with the authors' practical approach to various problems, and only sufficient statistical data to constitute valuable reference material."
 Soil Conservation, October 1947.
- Brown, Nelson C. LUMBER MANUFACTURING, CONDITIONING, GRADING, DISTRIBUTION AND USE. New York, Wiley, 1947. 344 p. 99.76 B81Lu
- Canan, Elsie Deane A KEY TO THE FERNS OF PENNSYLVANIA for Each of the Fifty-Nine Species Found in the State; Directions for Use of the Key; an Outline for Aid in the Identification of Ferns by Sterile Fronds Alone; Distribution of Species through the State; and a List of Ferns Found in the Vicinity of Johnstown, Cambria County. Lancaster, Pa., Science Press, 1946. 112 p. Illustrated by Elizabeth Trent. 461.2 C162
- Hausman, Leon Augustus THE ILLUSTRATED ENCYCLOPEDIA OF AMERICAN BIRDS including Key for the Rapid Identification of Birds. Garden City, N. Y., Garden City Publishing Co., 1947. 541 p. Illustrated by Jacob Bates Abbott. 413 H29T
 See Richard May's review in the September 1947 issue of the Journal of Forestry.
- Hayes, Wayland Jackson and Netboy, Anthony THE SMALL COMMUNITY LOOKS AHEAD. New York, Harcourt, 1947. 276 p. References pp. 227-237. 280.12 H322
 "Mr Hayes believes that small communities like cities require planning, and he shows how they may go about it by taking stock of their own resources and needs, developing community spirit, and directing the course of their own improvement." Christian Century.
- Lutz, R. J. and Cline, A. C. RESULTS OF THE FIRST THIRTY YEARS OF EXPERIMENTATION IN SILVICULTURE IN THE HARVARD FOREST, 1908-1938. Part 1. The Conversion of Stands of Old Field Origin by Various Methods of Cutting and Subsequent Cultural Treatments. Petersham, Mass., Harvard Forest, 1947. 182 p. Ref. pp. 181-182. Harvard Forest Bulletin 23. 99.9 H264
- U. S. Bureau of Agricultural Economics. TEN YEARS OF RURAL REHABILITATION, by Olaf F. Larson. Washington, D. C., 1947. 433 p.
 "A history and appraisal of various rehabilitation projects, with emphasis on the standard loan rehabilitation program of the Farm Security Administration.

It contains a wealth of detail tabulated from actual records and consolidated in one publication. It is the only careful and objective analysis made of this great farm relief program."

Carl C. Taylor, Bureau of Agricultural Economics

U. S. Geological Survey. BIBLIOGRAPHY OF NORTH AMERICAN GEOLOGY, 1944 and 1945.

Washington, D. C., 1947. 496 p. Geological Survey Bulletin 952. 401 G29

The most recent in a series which covers this field from 1732 through 1945.

Wilcox, Walter W. THE FARMER IN THE SECOND WORLD WAR. Ames, Iowa, Iowa State College Press, 1947. 410 p. 281.12 W64

Foreword by Oscar C. Stine, Assistant Chief, Bureau of Agricultural Economics.

"An accurate account of what went on in agriculture during the war."

USDA, July 7, 1947

THE NORTHEAST IN PRINT

Adams, Henry R. SOME SOIL FACTORS WHICH AFFECT LAND USE IN THE GLACIATED ALLEGANY PLATEAU OF SOUTHERN NEW YORK. Soil Science Society of America, Proceedings, 1946. pp. 448-451.

Mr. Adams is Regional Chief, Soil Conservation Service, Upper Darby, Pa.

Bendixen, T. W. and Slater, C. S. EFFECT OF THE TIME OF DRAINAGE ON THE MEASUREMENT OF SOIL PORE SPACE AND ITS RELATION TO PERMEABILITY. Soil Science Society of America, Proceedings, 1946. pp. 35-42.

The authors are with the Division of Research, Soil Conservation Service, Maryland Agricultural Experiment Station, College Park, Md.

Edminster, Frank C. WISE LAND USE THE BASIS OF CONSERVATION. Forest Leaves, May-August, 1947. pp. 1-2, 9.

Mr. Edminster is Regional Chief, Biology Division, Soil Conservation Service, Upper Darby, Pa. and author of the recent book The Ruffed Grouse published by Macmillan, 1947. (413 Ed5)

Smith, R. M. and Browning, D. R. SOME SUGGESTED LABORATORY STANDARDS OF SUBSOIL PERMEABILITY. Soil Science Society of America, Proceedings, 1946. pp. 21-26.

The authors are with the Division of Research, Soil Conservation Service, West Virginia Agricultural Experiment Station, Morgantown, W. Va.

Terres, John K. FISHING IN YOUR BACKYARD. American Forests, September 1947, pp. 398-399, 425-427.

Mr. Terres was with the Soil Conservation Service in the Northeast for a number of years. This article is about farm fish ponds as part of a farm conservation program.

Westveld, Marinus THE BUDWORM IS BACK. Concord, N. H., Society for the Protection of New Hampshire Forests, 1947. 16 p. Illustrated by Jack Pearson.

Both author and illustrator are with the Northeastern Forest Experiment Station, Philadelphia, Pa.

SOME PROCESSED PUBLICATIONS

Issued Recently by the Northeastern Forest Experiment Station

Burnham, C. F., Ferree, M. J. and Cunningham, F. E. THE ASPEN-GRAY BIRCH FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., 1947. 20 p.
Station Paper No. 7. 1.9622 N2St22

- Burnham, C. F., Ferree, M. J., and Cunningham, F. E. THE CHESTNUT OAK FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., 1947. 28 p. Station Paper No. 9. 1.9622 N2St22
- Burnham, C. F., Ferree, M. J. and Cunningham, F. E. THE SCRUB OAK FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., 1947. 9 p. Station Paper No. 4. 1.9622 N2St22
- Burnham, C. F., Ferree, M. J., and Cunningham, F. E. THE WHITE PINE-OAK FORESTS OF THE ANTHRACITE REGION. Philadelphia, Pa., 1947. 35 p. Station Paper No. 8. 1.9622 N2St22
- Carter, Roy M. TRENDS AND PROBLEMS OF THE WOOD TURNING INDUSTRY IN THE NORTHEAST. Philadelphia, Pa., 1947. 6 p. Station Note No. 2. 1.9622 N2St2
- Ferree, Miles L. TIMBER REQUIREMENTS OF ANTHRACITE MINES. Philadelphia, Pa., 1947. 3 p. Station Note No. 4. 1.9622 N2St2
- Hartman, Fred J. A SIMPLIFIED METHOD FOR LOCATING SAMPLE PLOTS ON AERIAL PHOTOGRAPHS. Philadelphia, Pa., 1947. 3 p. Station Note No. 3. 1.9622 N2St2
- Harper, V. L. TIMBER RESOURCES OF NEW ENGLAND AND NEW YORK WITH REFERENCE TO PULPWOOD SUPPLIES. Philadelphia, Pa., 1947. 8 p. Station Paper No. 5. 1.9622 N2St22
- Larson, E. vH. STYLE MANUAL FOR PUBLICATIONS. Philadelphia, Pa., 1947. 27 p. Station Paper No. 6. 1.9622 N2St22
"Intended for authors, typists and anyone else who takes part in preparing manuscripts."
- Larson, E. vH. TABLES FOR TECHNICAL WRITERS. Philadelphia, Pa., 1947. 47 p. Station Paper No. 3. 1.9622 N2St22
"How to construct clear, compact, easy to read tables and how to use them."

PROCEEDINGS AND TRANSACTIONS

- American Geophysical Union. TRANSACTIONS 1947. Vol. 28, nos. 1-4. 330.9 Am3
- American Society for Horticultural Science. PROCEEDINGS 1946. Volume 48. East Lansing, Michigan, 1946. 522 p. 81 Sol2
Although peaches, apples, and citrus fruits receive the major attention in the papers included in these proceedings, tomatoes, asparagus, onions, carrots, potatoes, sweet potatoes, rhubarb, watermelon, blueberries, cherries, pears, grapes, olives, guayule and seeds have their place. At least two dozen papers come from nine of the experiment stations in this region, and others from adjacent states or from the Beltsville Research Center, Beltsville, Maryland.
- Soil Science Society of America. PROCEEDINGS 1946. Volume 11. Morgantown, West Virginia, 1947. 572 p. 56.9 Se3
Included among the 100 or more papers are those by members of the SCS staff in the Northeast listed on p. 3 of this newsletter, and others such as:
THE PHYSICAL CHEMISTRY OF SOIL-PLANT RELATIONSHIPS, by Richard Bradfield, Department of Agronomy, Cornell University, Ithaca, New York. pp. 3-8.
SOME DEVELOPMENTS IN THE FIELD OF SOIL MINERALOGY, by C. D. Jeffries, Department of Agronomy, Pennsylvania State College. pp. 16-18.
SOIL PROFILE CHARACTERISTICS IN RELATION TO DRAINAGE AND LEVEL TERRACES, by H. A. Wilson, F. F. Riecken and G. M. Browning, a contribution of the Division of Research, Soil Conservation Service, Iowa Agricultural Experiment Station, Ames, Iowa. pp 110-118.

ADDITIONAL PERIODICALS CURRENTLY RECEIVED IN YOUR LIBRARY
(This supplements our annual list issued in April 1947)

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| Cranberry world. m.
issued by the American Cranberry
Exchange, "The Cranberry Growers
Cooperative". | Rural family living. q.
issued by Bur. Human Nutrition
and Home Economics, USDA. |
| Cross tie bulletin. m.
issued by the Railway Tie Associa-
tion. | Town and country. 9 nos.
issued by the Committee on Town
and Country. |
| Outdoor America. m.
Official publication of Izaak Walton
League of America. | Unasylva. q.
issued by the Division of Forestry
and Forest Products, Food and Agri-
culture Organization of the United
Nations. |

HARD TO GET!

An SOS came to us from Washington last week in behalf of a scientist about to leave for the Netherlands on an agricultural mission. Science in Farming: Yearbook of Agriculture 1943-1947 is already a rare item so that the transfer to him of our third copy was hailed with gratitude.

Don't YOU want to look over one of our two remaining copies now standing on our shelf in search of a reader? In Secretary Anderson's phrase, it deals with the "onward surge of science" as it relates to animals, plants, trees, soils, insects, new products, food and clothing, and last but not least, new practices. Surely, it needs to be read in the northeastern states of our own U. S. A. quite as much as in Holland.

A FEW SELECTED BULLETINS RECEIVED RECENTLY IN YOUR LIBRARY

Forests and Forest Products

- Aries, Robert S. WOOD FLOUR PRODUCTION. New Haven, Northeastern Wood Utiliza-
tion Council, 1947. Bulletin 17. 99.9 N819B
- Baker, Gregory THE PRIMARY WOOD USING INDUSTRIES OF MAINE. Orono, Maine Agri-
cultural Experiment Station, 1947. pp. 143-259. Bulletin 448. 100 M285
- Bramble, William C. INDICATOR TYPES FOR VIRGINIA PINE STANDS IN CENTRAL PENNSYL-
VANIA. State College, Pennsylvania State Forest School, 1947. 8 p.
Research Paper No. 8. 99.9 P386
- Browne, F. L. WOOD PROPERTIES AND PAINT DURABILITY. Washington, D. C., 1947.
10 p. Miscellaneous Publication No. 629. 1 Ag84M
- Canada. Forest Service. CANADA'S FORESTS AND WAR. Report prepared for the
Fifth British Empire Forestry Conference to be held in the United Kingdom,
1947. Ottawa, 1947. 50 p.
- Canada. Forest Service. STATISTICAL RECORD OF THE FORESTS AND FOREST INDUST-
RIES OF CANADA. 3rd ed. rev. Ottawa, 1947. 22 tables 99.73 C16 1947
- Cunningham, R. N. FOREST COOPERATIVES IN THE UNITED STATES. Washington, D. C.,
U. S. Forest Service, 1947. 18 p. Report 6 from a Reappraisal of the
Forest Situation. 1.962 A2R297
- New Hampshire. Forestry and Recreation Commission. FORESTRY PROBLEMS IN NEW
HAMPSHIRE AND EFFORTS AT SOLUTION UNDERTAKEN OR IN PROSPECT. Concord,
N. H., 1947. 12 p. Information Leaflet 4. 99.9 N45L

- Winters, R. K., Chidester, Gardner H., and Hall, J. A. WOOD WASTE IN THE UNITED STATES. Washington, D. C., U. S. Forest Service, 1947. 45 p. Report 4 from a Reappraisal of the Forest Situation. 1.962 A2R297
- Wyckoff, S. N., Hartley, Carl and Orr, L. W. PROTECTION AGAINST FOREST INSECTS AND DISEASES IN THE UNITED STATES. Washington, D. C., U. S. Forest Service, 1947. 39 p. Report 5 from a Reappraisal of the Forest Situation. 1.962 A2R297

Land Use

- Lee, Alvin T. M. ACQUISITION AND USE OF LAND FOR MILITARY AND WAR PRODUCTION PURPOSES, WORLD WAR II. Washington, D. C., U. S. Bureau of Agricultural Economics, 1947. 115 p. War Records Monograph 5. 1.941 A5W192
- O'Brien, Philip M., Gaston, T. L., and Dale, Tom LAND USE REGULATION IN SOIL CONSERVATION DISTRICTS. Washington, D. C., U. S. Soil Conservation Service, 1947. 28 p. SCS-MP-29. 1.96 Ad6Mp
- U. S. Bureau of the Census and Bureau of Agricultural Economics. GRAPHIC SUMMARY OF LAND UTILIZATION IN THE UNITED STATES. Cooperative Report. Washington, D. C., 1947. 37 p. 157.41

Poultry

- Darrah, L. B. MAKE YOUR POULTRY FARM PAY. Ithaca, N. Y., 1947. 32 p. Cornell Extension Bulletin 713. 275.29 N48
- Klein, G. T. SAVING LABOR IN POULTRY FARMING. Orono, Maine, 1947. Maine Extension Bulletin 364. 275.29 M48
- Smith, E. Y. GROWING TURKEYS. Ithaca, N. Y., 1947. 88 p. Cornell Extension Bulletin 717. 275.29 N48

Rural Churches, Schools and Organizations

- Anderson, W. A. SOME PARTICIPATION PRINCIPLES; Their Relations to the Programs of Rural Agencies. Ithaca, N. Y., 1947. 16 p. Cornell Extension Bulletin 731. 275.29 N48E
- Felton, Ralph A. THE CHURCH BUS. Madison, N. J., Drew Theological Seminary, 1946. 21 p. 281.2 F34Ch
- Felton, Ralph A. COOPERATIVE CHURCHES. Madison, N. J., Drew Theological Seminary, 1947. 74 p. 281.2 F34Co
- Felton, Ralph A. THE SIZE OF THE RURAL PARISH. Madison, N. J., Drew Theological Seminary, 1946. 22 p. 281.2 F34S
- U. S. Office of Education. PUBLIC RELATIONS FOR RURAL AND VILLAGE TEACHERS. Washington, D. C., 1946. 50 p. Bulletin 1946, No. 17. 156.3 B87

Shrubs for Wildlife and Conservation

- Edminster, Frank C. SHRUBS FOR SOIL CONSERVATION AND WILDLIFE COVER PLANTINGS IN THE NORTHEAST. Upper Darby, Pa., U. S. Soil Conservation Service, 1947. 61 p. Technical Series 10, Biology 9. 1.9601 T223
- Pearce, John IDENTIFYING INJURY BY WILDLIFE TO TREES AND SHRUBS IN NORTHEASTERN FORESTS. Washington, D. C., U. S. Fish and Wildlife Service, 1947. 29 p. Bibliography pp. 27-29. Research Report 13. 156.2 R31

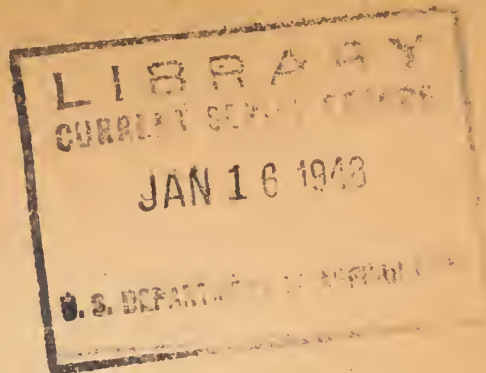
Soybeans

- U. S. Agricultural Research Administration. IMPROVEMENT AND INDUSTRIAL UTILIZATION OF SOYBEANS. Research under the Soybean Laboratory Program. Washington, D. C., 1947. U.S.D.A. Miscellaneous Publication 623. 1 Ag84M

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LIBRARY NEWS LETTER

Vol. 7, Nos. 11 and 12.

November and December 1947.

NEW BOOKS RECENTLY ADDED TO YOUR LIBRARY

- Bailey, John Wendell. THE MAMMALS OF VIRGINIA. Richmond, Va., 1946. 416 p. 99 illustrations. 412.1 B15
The author is head of the Department of Biology, University of Richmond. This book is "the first account of the furred animals of the land and sea, known to exist in the Commonwealth". It contains a bibliography of 787 references, and a triple index - one for the fossils, one for the English names, and a third giving a cross index to the scientific names.
- Booth, Edward Townsend. COUNTRY LIFE IN AMERICA AS LIVED BY TEN PRESIDENTS OF THE UNITED STATES. New York, Knopf, 1947. 264 p. 281.2 B643C
"This is a book with a bias, but the bias is so frank and openly professed, and the biographic data so authentic, that anyone who praises and would preserve the 'American Way of Life' as more than a phrase will profit by perusing it." J. Duncan Spaeth, New York Times Book Review October 26, 1947. The Presidents included are: George Washington; John Adams; Thomas Jefferson; Andrew Jackson; Martin Van Buren; William Henry Harrison; James Buchanan; Abraham Lincoln; Theodore Roosevelt; and Calvin Coolidge.
- Butsch, R. L. C. HOW TO READ STATISTICS. Milwaukee, Wisconsin, Bruce Publishing Company, 1946. 184 p. 251 B98
- Canadian Pulp and Paper Association. FOREST FIGHTERS GUIDE, by E. L. Howie. Montreal, Canada, 1946. 52 p. Woodlands Section Index No. 833 F-3. 99.51 H84 1946
- Canadian Pulp and Paper Association. CONFERENCE LEADER'S MANUAL FOR CONDUCTING FOREST FIRE FIGHTING CONFERENCES, by T. M. Pond. Montreal, Canada, 1946. 32 p. Woodlands Section Index No. 832. 99.51 P77
- Collings, G. H. COMMERCIAL FERTILIZERS, THEIR SOURCES AND USE. Philadelphia, Blakiston, 1947. 522 p. 57.2 C69 Ed. 4
"Considerable new material...An excellent bibliography of 606 references."
American Society of Agronomy. Journal. October 1947.
- Hankerson, Fred Putnam. THE COOPERAGE HANDBOOK. Brooklyn, New York, Chemical Publishing Company, 1946. 182 p. 99.77 H19
- Hard, Walter R. THE CONNECTICUT. New York, Rinehart, 1947. 310 p. (Rivers of America Series) 145 H21
"A valuable, concise history of the River region - inland New England."
- Pinchot, Gifford. BREAKING NEW GROUND. New York, Harcourt, Brace, 1947. 522 p. 120 P652
Dedicated "to the men and women of the Forest Service whose courage, devotion and intelligence have made it and kept it the best organization in

the government of the United States."

This "book makes it clear that it is as America's first official Forester that Pinchot expects finally to rest claim to fame." The Sunday Bulletin Book Review November 2, 1947.

"Gifford Pinchot completed his autobiography just before his death in 1946, a story which has the vigor and strenuousness of the life its author lived. ...His story alternates accounts of political battles in Washington with stories of adventure exploring the nation's vast domain." Publishers Weekly, October 25, 1947.

*Robinson, Edward North and Carolyn. THE "HAVE-MORE" PLAN FOR A LITTLE LAND, A LOT OF LIVING. New York, Macmillan, 1947. 326 p. 31.3 R56.
See review by Dr. Arthur B. Beaumont below..

Rorty, James and Norman, Philip. TOMORROW'S FOOD; THE COMING REVOLUTION IN NUTRITION. New York, Prentice Hall, 1947. 258 p. 389.1 R692

"It is a good book to have been published at this time, and everybody in the food trade, every doctor, every teacher of nutrition, and every food scientist should read it. Any errors it contains are outweighed five to one by its truths." John D. Black, New York Times Book Review, July 20, 1947.

Shepherd, Geoffrey S. AGRICULTURAL PRICE ANALYSIS. Ames, Iowa, State College Press, 1947. 2d ed. revised. 231 p. 284.3 Sh4Ag Ed. 2.

A revision of his book bearing the same title, published in 1941.

"The present book is addressed to technical experts and advisors involved in the operation of marketing and price programs and to students of agricultural prices who want to improve their grasp of economic and statistical principles by applying them to technical agricultural price problems." Author's Preface.

A helpful feature of this book is its bibliographical footnotes.

Shoemaker, James Sheldon. VEGETABLE GROWING. New York, Wiley, 1947. 506 p. 91.15 Sh7

References pp. 491-496.

THE "HAVE-MORE" PLAN BY ED AND CAROLYN ROBINSON*

Comment by Arthur B. Beaumont,

Massachusetts State Conservationist, Soil Conservation Service, Amherst, Mass.

A refreshing contribution to the back-to-the-land movement in these hectic days of high prices, strikes, and international tensions; very timely. Style and format are good; well illustrated with half tones and line drawings; very readable. Nearly every aspect of country living from bees to big business, is covered.

The book is devoted mainly to the planning of the grounds and buildings of a small country place, particularly for a commuter, and to the production, preservation, and utilization of food. The multitude of subjects discussed in one volume has necessarily caused some to be treated only sketchily and inadequately. Nevertheless, the inexperienced urbanite will find this a valuable handbook and guide to country living. For the most part, statements and discussions are technically and scientifically sound and in line with the best current opinions.

It is regrettable that the authors overlooked or purposely omitted a wonderful opportunity to emphasize soil conservation as a part of the back-to-the-land movement.

TWENTY-FIFTH ANNIVERSARY
1921-1946

U. S. Forest Service. Southeastern Forest Experiment Station. ANNIVERSARY REPORT, 1921 - 1946: TWENTY-FIVE YEARS OF FOREST RESEARCH AT THE APPALACHIAN FOREST EXPERIMENT STATION. Asheville, North Carolina, 1947. 71 p.

U. S. Forest Service. Southeastern Forest Experiment Station. BIBLIOGRAPHY OF THE APPALACHIAN FOREST EXPERIMENT STATION, 1921 - 1946. Asheville, North Carolina, 1947. 192 p.

An alphabetical author list and an annotated subject list, together with arrangement by date within these two major lists gives a three way approach to the material listed in this bibliography. An annotated bibliography of naval stores practices and management of naval stores timber is also included. The field covered is defined as "publications which relate to the southern Appalachians and which were written by men reporting on work done during their years as members of the staff"; and also "publications by collaborators during periods of close association with the station."

THE NORTHEAST IN PRINT

Bruce, O. C. GUIDES SPEED CONSERVATION IN THE NORTHEAST. Soil Conservation, January 1948, pp. 137-139.

Mr. Bruce is Regional Chief of Operations, Soil Conservation Service, Northeast Region, Upper Darby, Pa.

Calkins, Robert S. REQUIREMENTS AND BASIC STRUCTURAL TYPE OF FARM PONDS.

Agricultural Engineering, November 1947, pp. 489-492.

Mr. Calkins, Zone Conservationist, Soil Conservation Service, Northeast Region, Upper Darby, Pa. presented this paper at the Annual Meeting of the American Society of Agricultural Engineers, Philadelphia, Pa., June 19, 1947.

Patrick, Austin L. SOIL CONSERVATION AND GOOD LAND USE IN THE NORTHEAST REGION.

Soil Science, October 1947, pp. 275-288.

This exceptionally readable and informative article by the Regional Conservator, Soil Conservation Service, Northeast Region, Upper Darby, Pa. is one of several entirely filling this issue in which each SCS Regional Conservator describes the situation and problems in his area.

Reitz, William W. TEACHING RESOURCE CONSERVATION THROUGH GEOGRAPHY. Journal of Geography, September 1947, pp. 227-234.

Dr. Reitz is in charge of Educational Relations for the Northeast Region, Soil Conservation Service, Upper Darby, Pa.

Ritter, Edward FEW FOREST FIRES IN GERMANY. Fire Control Notes, January 1947. p. 41.

Mr. Ritter is with the U. S. Forest Service, Region 7, Philadelphia, Pa.

Ritter, Edward THE USE OF A WETTING AGENT ON A FOREST FIRE. Fire Control Notes, October 1947, pp. 32-33.

Simmons, Fred C. GOOD LOGGING PRACTICE. Timber of Canada, November 1947, pp. 30-33, 76-80.

This is the first of a series by Mr. Simmons who is with the Northeastern Forest Experiment Station, Philadelphia, Pa.

Simmons, Fred C. MECHANIZING FOREST OPERATION. Timber of Canada, November 1947, pp. 26-27, 82-85.

Simmons, Fred C. POINTERS ON TREE FELLING. Canada Lumberman, November 1, 1947, pp. 52, 54, 92, 93.

REMINDER OF A SUMMER VISITOR

We looked with interest at the 25 references appended to Christos Moulopoulos' article in the Journal of Forestry, December 1947 (pp. 884-893) entitled "High Summer Temperatures and Reforestation Technique in Hot and Dry Countries." At least a dozen of them closely resembled the references this courteous scholar from the University of Thessalonica, Greece consulted in our library on a hot and rainy afternoon in the summer of 1946.

SOIL CONSERVATION GUIDES

The following Guides from other regions are available for circulation on request:

- A GUIDE FOR THE MANAGEMENT OF SOILS, FIELD CROPS AND PASTURES IN INDIANA.
Milwaukee, Wisconsin, U. S. Soil Conservation Service, 1946. 93 p. 1.9605
- A GUIDE FOR THE MANAGEMENT OF FIELD CROPS AND PASTURES IN OHIO. Milwaukee, Wisconsin, U. S. Soil Conservation Service, 1947. 155 p. 1.9605
- TECHNICAL GUIDE FOR THE MANAGEMENT OF SOILS, FIELD CROPS AND PASTURES IN MINNESOTA. Milwaukee, Wisconsin, U. S. Soil Conservation Service, 1946. 109 p. 1.9605

LIBRARY LISTS

- U. S. Department of Agriculture. Library. FARM MIGRATION, 1940-1945. An Annotated Bibliography. Compiled by Eleanor H. Bernert and Gladys Bowles, Bureau of Agricultural Economics. Washington, D. C., 1947. 51 p. Library List No. 38. 1.916 L614
- U. S. Department of Agriculture. Library. MARKETING FRUITS AND VEGETABLES, 1942-1946. A List of References. Compiled by Annie M. Hannay and Eli Hareide. Washington, D. C., 1947. 166 p. Library List No. 37. 1.916 L614
- U. S. Department of Agriculture. Library. RURAL READING LIST. Compiled by the Rural Library Committee of the United States Department of Agriculture in cooperation with the United States Department of Agriculture Library. Washington, D. C., 1947. 39 p. Library List No. 39. 1.916 L614

USDA REGULATION 1916 (Revised 10-23-47)

1. LIBRARY MATERIALS may be borrowed by employees from the Department Library or from any of its branches or other facilities for periods not longer than one month, and briefer periods of loan shall be set by the Department Librarian for those materials which are needed by others. Materials borrowed for a month may be renewed for an additional month upon the borrower's request if they are not needed by others. Any library material, regardless of the period for which loaned, is subject to recall by the Department Library for the use of others when the need for the material is urgent.
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SELECTED CURRENT BULLETINS IN YOUR LIBRARY

Cooperatives and Credit Associations

- U. S. Bureau of Labor Statistics. ACTIVITIES OF CREDIT UNIONS IN 1945. Washington, D. C., 1947. 13 p. Bulletin 894. 158.6 B87
- U. S. Bureau of Labor Statistics. OPERATIONS OF CONSUMERS' COOPERATIVES IN 1945. Washington, D. C., 1947. 16 p. Bulletin 890. 158.6 B87
- U. S. Farm Credit Administration. HANDBOOK ON MAJOR REGIONAL FARM SUPPLY PURCHASING COOPERATIVES 1945-1946, by Joseph G. Knapp and Jane L. Seearce. Washington, D. C., 1947. 45 p. Cooperative Research and Service Division. Miscellaneous Report 110. 166.3 M68
- U. S. Farm Credit Administration. THE PRODUCTION CREDIT SYSTEM. Washington, D. C., 1947. 16 p.

Dairy Cows and Dairy Products

- Dawson, J. R. and Underwood, P. C. CARE AND MANAGEMENT OF DAIRY COWS. Washington, D. C., 1926. Revised 1947. 41 p. U.S.D.A. Farmers Bulletin 1470. 1 Ag84F
- Howe, Charles B. MARKETING MARGINS AND COSTS FOR DAIRY PRODUCTS. Washington, D. C., 1946. 82 p. U.S.D.A. Technical Bulletin 936. References pp.79-82. 1 Ag84T

Forest Insects and Diseases

- Connola, Donald P., Collins, Donald L. and Hagman, Lyle E. LOG TREATMENT FOR BARK BEETLE CONTROL IN CONNECTION WITH THE DUTCH ELM DISEASE. Ithaca, N. Y., New York Agricultural Experiment Station, 1947. 43 p. Bulletin 841. Literature cited pp. 41-43. 100 N48

Forestry and Forest Products

- Maryland. Department of State Forests and Parks. FIVE YEARS IN MARYLAND FORESTRY, 1941-1945. Annapolis, Maryland, 1947. 20 p. 99.9 M36f
- Michigan. Department of Economic Development. Forest Products Research Committee. MANUFACTURE AND USE OF SMALL DIMENSION. A progress report by Robert Craig, Jr. Lansing, Michigan, 1947. 14 p.
- Michigan. Department of Economic Development. Forest Products Research Committee. SMALL SAWMILL IMPROVEMENTS. A progress report by Richard C. Johnson. Lansing, Michigan, 1947. 19 p.
- Michigan. Department of Economic Development. Forest Products Research Committee. WOOD DEFIBERAZATION. A progress report by Robert Craig, Jr. Lansing, Michigan, 1947. 5 p.

House Plants

- Holley, W. D. GROWING HOUSE PLANTS. Durham, N. H., New Hampshire Agricultural Experiment Station, 1945. 50 p. Station Bulletin 359. 100 N45

Potatoes

- Edgar, Alfred D. POTATO STORAGE. Washington, D. C., 1947. 38 p. U.S.D.A. Farmers Bulletin 1986. 1 Ag84F
- Pratt, Arthur J. GROW GOOD POTATOES. Ithaca, N. Y., New York Agricultural Extension Service, 1947. 27 p. Cornell 4-H Club Bulletin 80. 275.29 N48
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MANAGING THE SMALL FOREST - FARMERS BULLETIN 1989.

This 61 page Farmers Bulletin, released in November 1947, was prepared cooperatively by the Forest Service, the Soil Conservation Service and the Extension Service.

"Reading this bulletin will make no one a forester. It takes much study and long years of experience to do that. But just as a man need not be a doctor in order to give first aid and practice the rules of healthy living, so the owner of the small forest can keep his trees vigorous and productive by following some simple rules of good forest management. This bulletin tries to show what some of these general rules are and why foresters recommend them." Foreword.

It is written in non-technical style, illustrated with pictures and charts and is divided into six sections discussing, (1) growing and tending the forest, (2) planting trees, (3) protecting the small forest, (4) measuring the forest, (5) cutting the timber crop, and (6) selling forest products.

VALEDICTORY 1947

Consumers Guide ceased publication in July 1947.

Land Policy Review bowed out with its Summer-Autumn 1947 issue.

No 1947 issues of the Experiment Station Record have appeared.

MERGER 1948

Agriculture in the Americas is merging with Foreign Agriculture.

NEWCOMER 1947

Agricultural Outlook Digest, a two-page, one-sheet digest prepared monthly by the Bureau of Agricultural Economics. "As fine a general survey, and as easy to read, of the agricultural situation, as you could get." USDA

